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ABSTRACT

Clifton, New Jersey, has a land area of just under 12 square miles with a population estimated in 1976 to be 83,592 persons. This master plan for educational facilities begins with an overview of the district and its historical background. A number of maps illustrate characteristics of the area, including its topography, relationship to key population centers and transportation routes, and locations of community facilities. The text describes local industry and business, environmental factors, and the current school system that consists of 16 school buildings and an administration building. Demographic factors described in text, maps, and tables include zoning and land use, housing, transportation, population characteristics, and enrollment data and estimates. The section on the education program explains the administrative and grade organization, educational philosophy, curriculum, interdisciplinary and cocurricular activities, pupil personnel services, community use of schools, and food service. Brief comments on each of the 16 buildings, as well as site and floor plans, are provided. Tables giving the results of building evaluations according to educational function and physical condition are included in the appendix, along with tables giving the building capacities. (MLF)

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MASTER PLAN FOR EDUCATIONAL FACILITIES

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CITY OF CLIFTON

PASSAIC COUNTY
NEW JERSEY

AUGUST 1979

EA 015 850

Engelhardt and Engelhardt, Inc. ◆ Educational Consultants

MASTER PLAN FOR EDUCATIONAL FACILITIES

CLIFTON

PASSAIC COUNTY

NEW JERSEY

August, 1979

Engelhardt and Engelhardt, Inc., Educational Consultants
Purdys, New York 10578

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OVERVIEW OF THE DISTRICT

Geographic Setting

Clifton is a city, located in Passaic County. Its horseshoe-shaped land area of just under 12 square miles surrounds the City of Passaic on three sides. The Passaic River forms its eastern boundary. Neighboring communities include Garfield, Elmwood Park, Paterson, West Paterson, Little Falls, Montclair, Bloomfield, Nutley, Lyndhurst and Rutherford.

Map 1 shows the relationship of Clifton to other key population centers and major transportation routes. The Garden State Parkway and Routes 3 and 46 pass through Clifton.

Map 2 shows the City's boundaries and public facilities, including schools, local and County parks, and nonpublic schools.

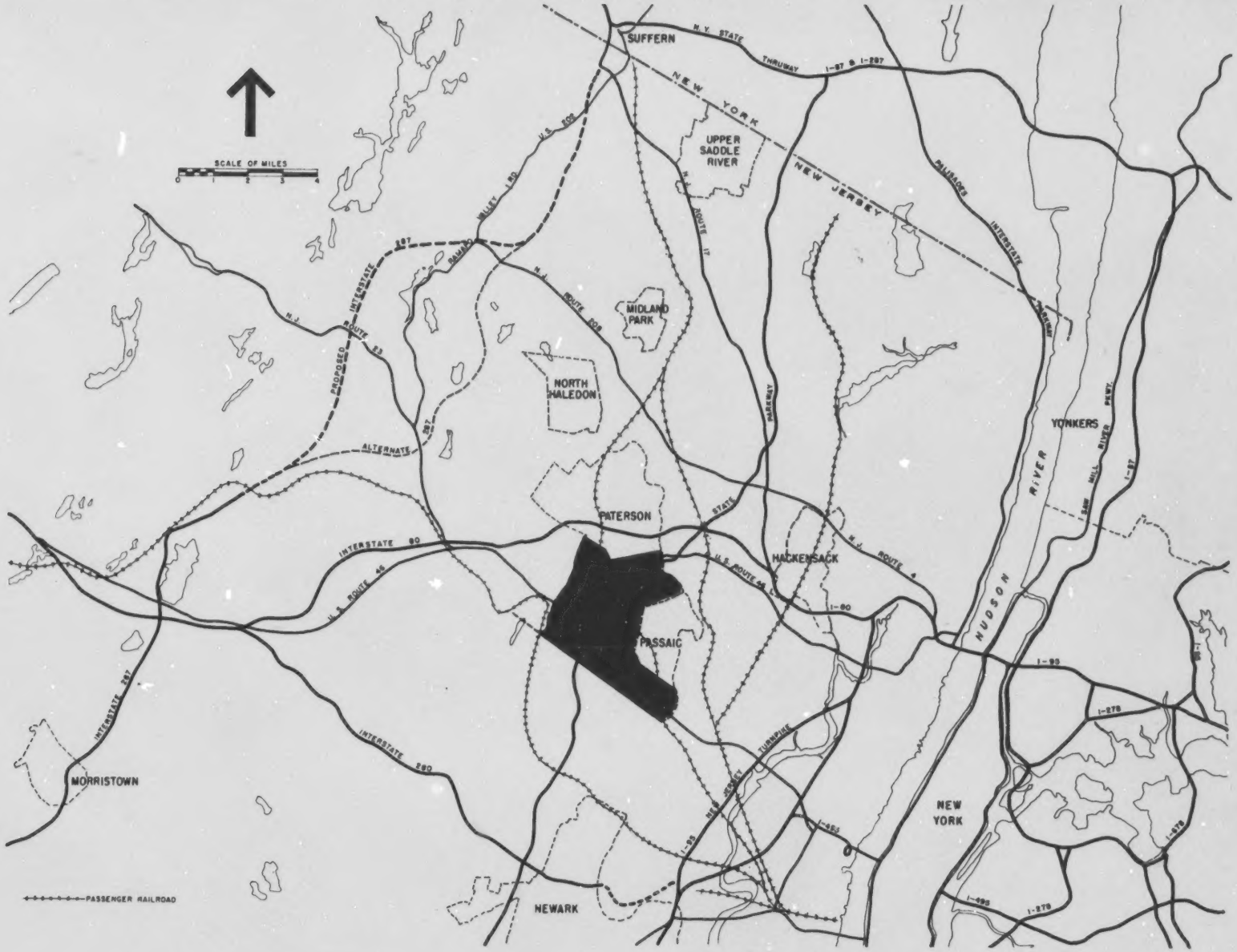
Map 3 gives locations of homes of pupils in grades one through three in 1978-79.

Historical Background*

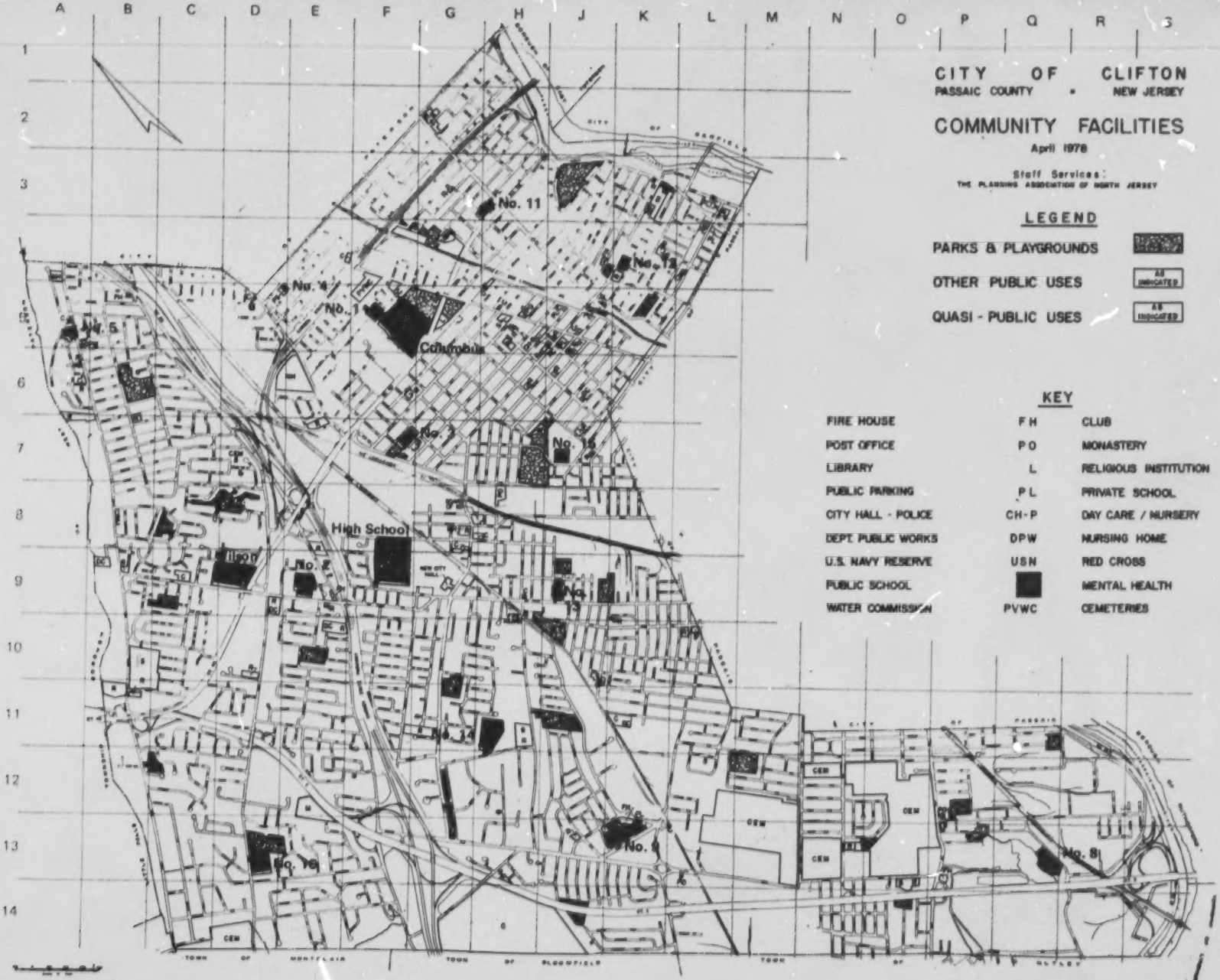
Clifton as a city is still young, having been incorporated in 1917; however, its history as a territory goes back to the Lenni Lenape tribe of the Algonquin Nation Indians.

About the year 1679 much real estate along the Passaic River was bought from these Indians by settlers in accordance with a law of the English proprietors of New Jersey. This law, which was probably the reason that the settlers and

* Adapted from Handbook for Teachers, Clifton Public Schools, Clifton, New Jersey, and Know Your Schools, League of Women Voters of Clifton, 1963.



MAP 1 – RELATIONSHIP OF CLIFTON TO KEY POPULATION CENTERS AND TRANSPORTATION ROUTES


CITY OF CLIFTON
PASSAIC COUNTY • NEW JERSEY
COMMUNITY FACILITIES
April 1978
Staff Services:
THE PLANNING ASSOCIATION OF NORTH JERSEY
LEGEND
PARKS & PLAYGROUNDS
OTHER PUBLIC USES
AS INDICATED
QUASI - PUBLIC USES
AS INDICATED
KEY
FIRE HOUSE FH
POST OFFICE PO
LIBRARY L
PUBLIC PARKING PL
CITY HALL - POLICE CH-P
DEPT. PUBLIC WORKS DPW
U.S. NAVY RESERVE USN
PUBLIC SCHOOL
WATER COMMISSION PVWC
CLUB C
MONASTERY M
RELIGIOUS INSTITUTION R
PRIVATE SCHOOL S
DAY CARE / NURSERY DC
NURSING HOME NH
RED CROSS RC
MENTAL HEALTH MH
CEMETERIES CEM
No. 11
No. 12
No. 4
No. 1
Columbus
No. 5
No. 3
No. 15
High School
Wilson
No. 2
No. 13
No. 14
No. 9
No. 16
No. 8
CEM
TOWN OF MONTCLAIR
TOWN OF BLOOMFIELD
TOWN OF NUTLEY
CITY OF PASSAIC
MAP 2

MAP 3

LOCATIONS OF HOMES OF PUPILS ATTENDING GRADES 1-3, 1978-79

- 4

Indians of this section lived together so peacefully, required a deed to be procured from the Indians before a legal patent would be given. A section of this land, including Clifton, Paterson, Passaic, and parts of Little Falls and West Paterson, became Acquackanonk Township in 1714. The people of this area took an active part in the Revolutionary War and contributed much to the success of Washington's military operation in New Jersey.

Between 1831 and 1869, Paterson, Passaic, and Little Falls withdrew from Acquackanonk Township. The balance of the Township was incorporated as the City of Clifton in 1917. Clifton has been one of the fastest growing communities in the area, and it has become an industrial as well as a residential community. In population it was, in 1970, the eighth largest municipality in New Jersey. A factor in Clifton's growth has been its location on three major roads, Routes 3 and 46 and the Garden State Parkway. It has attracted a large amount of diversified industry.

The first school of record was located at the Weasel section in 1745. This school was abandoned in 1868, and in 1870 another school was opened on the second floor of a building over a general store and post office. By 1874 the number of pupils had increased to the extent that it was necessary to build a two-room school at Clifton Avenue and First Street. A third room was added in 1892, and in 1897 the roof was lifted to add three more rooms. Other early schools were a log schoolhouse in the Notch, now known as Richfield; a school on Hazel Road; and wooden four-room buildings, the forerunners of Schools No. 2 and 6, built in the 1880's. School No. 7 was built just prior to the turn of the century. With the coming of the railroads and industry, Clifton grew rapidly, and the school population kept pace. During the first decade of the 20th century, Schools No. 10, 11, and 12 were built.

The earliest built school still in operation is School No. 11, constructed in 1905 and subsequently expanded in 1926 and 1959. School No. 12 was next constructed in 1910 and added to also in 1959 as population mushroomed from 64,567 in 1950 to 82,084 in 1960. The buildings now containing junior high school programs were built in 1929 and 1955, while Clifton High School was constructed in 1962.

Local Industry and Business*

Much of Clifton's pattern of industrial and commercial development is related to the major highways—Route 46, built before World War II; Route 3, built just after the War; and the Garden State Parkway, built in the late '50's. Clifton's early industrial economic base had been dependent upon rail transportation. Following World War II many new industries were attracted to the large, flat, open land which had once been farm land. Much of this industrial growth was relocated from denser areas of Newark and New York City.

At about the same time commercial uses expanded in the form of shopping centers, especially along Routes 3 and 46. A number of suburban office buildings were also erected. In recent years there has been an active program to revive older business areas. A total of approximately 15 per cent of the acreage in the City is occupied by commercial and industrial establishments.

Current School Systems

The current Clifton public school system consists of 13 buildings containing kindergarten through grade six, 2 junior high schools housing grades seven through nine, and a high school for grades ten through twelve. There is also an administration building.

* Adapted from Clifton Master Plan, "Technical Studies-Land Use," The Planning Association of North Jersey, 1978, pp. 1 and 4.

Table 1 summarizes the enrollments in the public schools of Clifton.

Table 1
ENROLLMENTS IN PUBLIC SCHOOLS
Clifton, New Jersey
1978-79

School	Grades	Enrollment
Elementary		
No. 1	K-6	276
2	K-6	405
3	K-6	261
4	K-6	151
5	K-6	413
8	K-6	240
9	K-6	360
11	K-6, Special	373
12	K-6	455
13	K-6, Special	339
14	K-6, Special	220
15	K-6	322
16	K-6	202
Junior High		
Christopher Columbus	7-9, Special	1,381
Woodrow Wilson	7-9, Special	973
Clifton High	10-12, Special	2,451
Total		8,822

Note: Schools No. 6, 7, and 10 are missing from this list as No. 6 has been converted into central administrative offices and Schools 7 and 10 were razed in 1963.

In 1978-79, 112 pupils attended the Passaic County Vocational-Technical High School. This is a slight decline from a 10-year high of 127 in 1976-77.

Several nonpublic schools are located in Clifton. The enrollments of Clifton residents are given below:

Table 2
ENROLLMENTS OF CLIFTON RESIDENTS
IN LOCAL NONPUBLIC SCHOOLS
1978-79

School	Enrollment
Childhood Institute	4
Paul VI Regional High	463
Sacred Heart	129
St. Clare	105
St. Paul	185
SS. Cyril & Methodius	119
St. Andrew Apostle	267
St. Brendan	89
St. John Kanty	126
St. Philip Apostle	302
Total	1,789

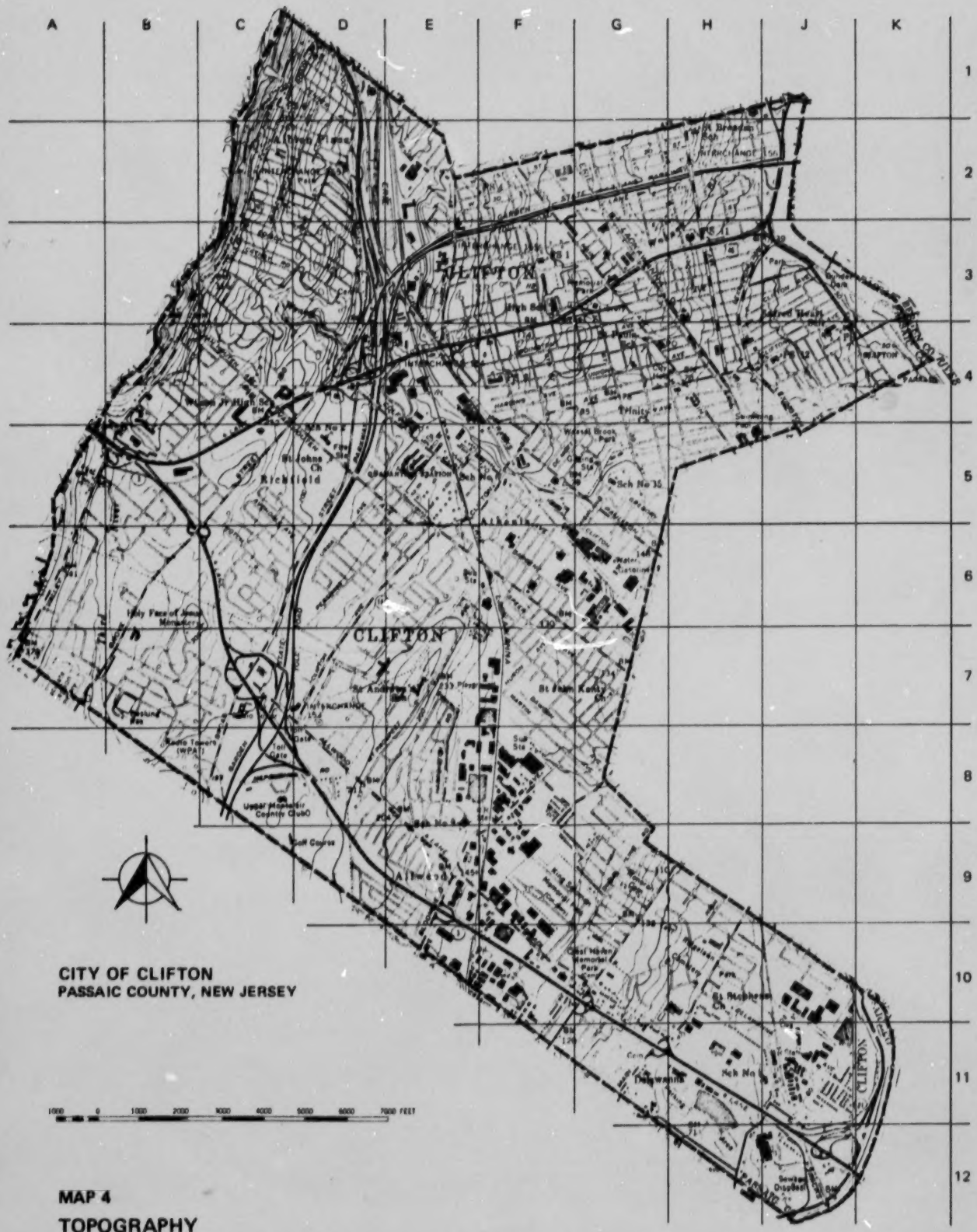
Environmental Factors*

Topography of the City is shown in Map 4. The area is generally flat lowland with gentle rolling surfaces. There are some ridges and isolated hills standing prominently above the general surface. The area to the west of Valley Road is an example of this. Elevations range from a high of 540 feet on the west to a low of 40 feet near the Passaic River. The gradual hills and lack of steep slopes, except for the area west of Valley Road, allow for total development in terms of terrain.

The flood hazard areas in Clifton are those adjacent to the Passaic River, Weasel Brook, Pearl Brook and the Third River. Although these areas are not widespread, they have been infringed upon by both industrial and residential building.

Most of the land in Clifton is classified as Urban Land—areas that have been developed for residential, commercial, or industrial use. During development these areas were leveled or cut and filled to such an extent that 40 to 80 per cent of the original soil has been altered.

* Adapted from Master Plan, ibid., pp. 24-27.



CITY OF CLIFTON
PASSAIC COUNTY, NEW JERSEY

MAP 4
TOPOGRAPHY

II

DEMOGRAPHIC FACTORS

Zoning and Land Use*

Map 5 indicates existing land use in Clifton; Map 6 the land use plan. In 1978 only 4 per cent of the land was vacant. Much of the vacant land is in small parcels of irregular shape which are not suitable for development, although some may be usable for homes.

The general pattern of land use in Clifton is well established, and it is expected to remain relatively stable over the next 20 to 25 years. Therefore, Clifton will most likely not have a large amount of construction because of the limited amount of vacant land. There is expected to be a certain amount of reconstruction of areas which have obsolete or commercial buildings, however.

A land use problem existing in the older portions of the City is residential and nonresidential mixture. Such a mixture requires a certain amount of buffering of the residential to assure a pleasant living environment.

Housing**

Residential land in Clifton accounts for 39 per cent of the City's acreage. Of 27,996 units occupied in 1970, 50.4 per cent were single-family structures; 29.7 per cent were two-family houses; and 19.9 per cent were multi-family buildings. Every housing type was represented: single-family houses, two-family structures, small multi-family buildings, garden apartments, and high-rise apartments. The vacancy rate was extremely low—only 0.9 per cent in 1970.

---

* Adapted from Clifton Master Plan, "Technical Studies," Land Use, pp. 3-4.

** Adapted from Clifton Master Plan "Land Use Element," November 1978, pp. 11-14; "Technical Studies," Housing, p. 2.

GENERALIZED LAND USE

CITY OF CLIFTON

April 1978

LEGEND

RESIDENTIAL
- PREDOMINATELY ONE FAMILY (60% and over)
- MIXED; ONE AND TWO FAMILY
- PREDOMINATELY TWO FAMILY (60% and over)
- MULTI FAMILY

COMMERCIAL

INDUSTRIAL

PUBLIC AND QUASI-PUBLIC

SPECIAL USE
UTILITIES • TRANSPORTATION • COMMUNICATIONS

OFFICE & RESEARCH

OPEN USE
- AGRICULTURAL
- VACANT

PREPARED FOR

PLANNING BOARD

BY

PLANNING ASSOCIATION OF NORTH JERSEY

MAP 5

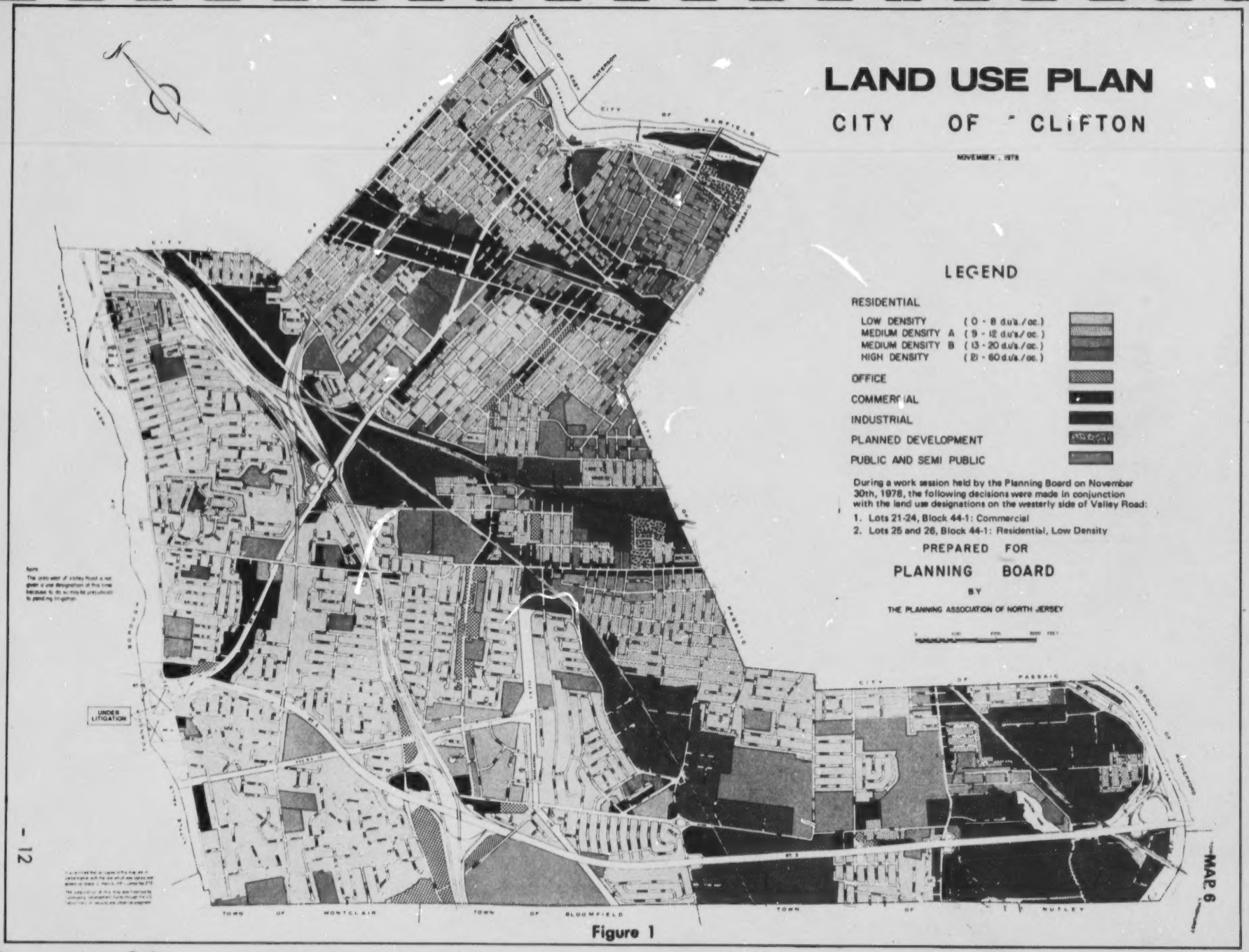

LAND USE PLAN
CITY OF CLIFTON
NOVEMBER, 1978
LEGEND
RESIDENTIAL
LOW DENSITY (0 - 8 du's./ac.)
MEDIUM DENSITY A (9 - 12 du's./ac.)
MEDIUM DENSITY B (13 - 20 du's./ac.)
HIGH DENSITY (21 - 60 du's./ac.)
OFFICE
COMMERCIAL
INDUSTRIAL
PLANNED DEVELOPMENT
PUBLIC AND SEMI PUBLIC
During a work session held by the Planning Board on November 30th, 1978, the following decisions were made in conjunction with the land use designations on the westerly side of Valley Road:
1. Lots 21-24, Block 44-1: Commercial
2. Lots 25 and 26, Block 44-1: Residential, Low Density
PREPARED FOR
PLANNING BOARD
BY
THE PLANNING ASSOCIATION OF NORTH JERSEY
UNDER LITIGATION
TOWN OF MONTCLAIR
TOWN OF BLOOMFIELD
TOWN OF NUTLEY
CITY OF PASSAIC
MAP 6

Figure 1

Table 3 shows the number of dwelling units added since 1970.

Table 3
NUMBER OF DWELLING UNITS ADDED SINCE 1970
City of Clifton

Year	Single-Family	Two-Family	Multi-Family	Conversions	Total
1970	32	30	14	14	90
1971	25	26	8	8	67
1972	34	30	43	13	120
1973	65	38	158	12	273
1974	26	12	-	7	45
1975	29	30	38	8	105
1976	25	62	42	6	135
Total	236	228	303	68	835

Total Dwelling Units Added 1970-76	835
Units Demolished 1970-76	186
Net Gain	649

Source: Clifton Building Permits 1970-76.

Sanitary Sewerage System

Sewage disposal is under the jurisdiction of the Passaic Valley Sewerage Commission, of which Clifton is a member.

Population Characteristics

Table 4 presents the population of Clifton each decade since 1900. During this period the greatest growth occurred during the two decades from 1900 to 1920, when population more than doubled in each 10-year period. Since then, the rate of growth has declined, though in some decades growth has been substantial. Between 1960 and 1970 growth was less than 1 per cent (though the City has raised questions about the accuracy of the 1970 Census figure). The City planners, The Planning Association of North Jersey, estimate the 1976 population as 83,592 persons, and it is expected that the population will stabilize at about 80,000.

Table 4
POPULATION OF CLIFTON, NEW JERSEY
1900-70

Year	Population	Increase over Preceding Decade	
		Number	Per Cent
1900	5,351		
1910	11,869	6,518	121.8
1920	26,470	14,601	123.0
1930	46,875	20,405	77.1
1940	48,827	1,952	4.2
1950	64,511	15,684	32.1
1960	82,084	17,573	27.2
1970	82,437	353	0.4

Source: U. S. Census of Population.

Table 5 presents the age distribution of the population of Clifton for 1950, 1960, and 1970.

Table 5
AGE DISTRIBUTION OF POPULATION*
Clifton, New Jersey
1950-70

Age	1950		1960		1970		% Change 1960-70	State % 1970
	No.	%	No.	%	No.	%		
0-9	11,773	18.2	15,292	18.6	10,735	13.0	-29.8	17.9
10-19	6,551	10.2	11,991	14.7	13,533	16.4	+12.9	18.5
20-29	10,548	16.4	8,478	10.3	10,737	13.0	+26.6	13.6
30-39	12,245	19.0	12,906	15.7	7,650	9.3	-40.7	11.4
40-49	9,207	14.3	13,227	16.1	12,502	15.1	- 5.5	13.2
50-59	7,425	11.5	9,524	11.6	12,830	15.5	+34.7	11.4
60-69	4,561	7.0	6,535	8.0	8,126	10.0	+24.3	7.8
70 & over	2,201	3.4	4,131	5.0	6,324	7.7	+53.1	6.2
Total	64,511	100.0	82,084	100.0	82,437	100.0	+ 0.4	100.0

Source: U. S. Census 1950, 1960, 1970.
* The Planning Association of North Jersey, op. cit., "Technical Studies," Population, p. 16.

The table shows the decline between 1960 and 1970 of the youngest segment of the population, preschool and early elementary years, which has already had an effect on school enrollments. Also significant is the rise in the population over 50 years. The median age in 1960 was 34.6 years; in 1970 it was 38.2 years. Population per household in 1970 was 3.3 for owner-occupied units and 2.4 for renter-occupied units.

The numbers of births to residents of Clifton have declined considerably since 1960. Table 6 gives the number born each year.

Table 6
BIRTHS TO RESIDENTS
Clifton, New Jersey
1960-70

Year	Number Born	Year	Number Born	Year	Number Born
1960	1,578	1966	1,133	1972	747
1961	1,548	1967	1,044	1973	713
1962	1,485	1968	984	1974	695
1963	1,350	1969	1,005	1975	711
1964	1,372	1970	950	1976	687
1965	1,241	1971	832	1977	748
				1978	693

Source: State of New Jersey Department of Health, Trenton.

Since 1972, though births have been fluctuating, they have remained either somewhat above or just below 700. This, of course, has resulted, and will continue to result, in some stability in kindergarten and grade one enrollments.

The birth rate—that is, the number of births per 1,000 population—has also been declining. In 1960 it was 19.2 births per 1,000; in 1970, 11.5 per 1,000; and in 1976 it was 8.2 per 1,000.

Nonpublic School Enrollments

Table 7 presents data on Clifton pupils attending nonpublic schools outside Clifton. Enrollments of Clifton pupils in local nonpublic schools are given on page 8. Total enrollment, locally and outside the City, is 2,275 pupils, or about 20 per cent of all children in school. It is expected that about the same proportion of pupils will continue attendance at nonpublic school.

Table 7
ENROLLMENTS OF CLIFTON PUPILS IN NONPUBLIC SCHOOLS
OUTSIDE CLIFTON
1978-79

School	Enrollment	School	Enrollment
Bergen Catholic High	1	Passaic Catholic Regional	13
Corpus Christi	1	Paterson Catholic Regional	1
Don Bosco High	7	Pope Pius XII Regional	30
Don Bosco Technical High	55	Queen of Peace Girls' High	1
Eastern Christian Junior High	12	Rem Country Day	1
Eastern Christian High	19	Rogosin Yeshiva High	1
Hillel Academy	42	Sacred Heart-Kearny	1
Holy Trinity	16	Sacred Heart-Bloomfield	1
Holy Trinity Lutheran	5	St. Anne	2
Immaculate Conception High-Montclair	2	St. Anthony-Kearny	5
Immaculate Conception High-Lodi	6	St. Anthony of Padua	10
Lacordaire Academy (elementary)	5	St. Benedict's Preparatory	1
Lacordaire Academy (high)	9	St. Bonaventure	1
Midland Park Christian	5	St. George	33
Montclair Kimberley	71	St. Michael	21
Morristown-Beard	5	St. Mary	1
Most Holy Name	2	St. Nicholas (R. C.)	3
Most Sacred Heart	3	St. Nicholas Ukranian	43
Mt. St. Dominic Academy	1	St. Peter's Preparatory	1
Netherland Reform	10	St. Therese	2
Neumann Preparatory	6	Seton Hall Preparatory	2
Nursery Rhymes	1	The Frisch School	6
Our Lady Mt. Virgin	1	Wayne Country Day	2
Our Lady of Sorrows	3	Wyckoff Christian	11
		Yavneh Academy	5
	Total = 486		

Highways*

Part of Clifton's post-war development came about because of the construction of the three major highways through the community: Routes 46 and 3 and the Garden State Parkway. Route 20 also runs through the City, as does Route 21. Completion of Route 21 has long been recognized as a vital element in the transportation network of the Paterson-Clifton-Passaic region. Prospects are dim for its completion, since the State Department of Transportation has not assigned it a high priority. In addition, the current capacity of Route 20 is in question. Higher traffic volumes may necessitate widening this thoroughfare.

A number of other street needs face the City, including proposed widenings, provision for off-street parking, and improvement of intersections. Of importance to the school district is the congestion in the Colfax Avenue area at the High School due to on-street parking by students and the large number of vehicles entering and leaving the area before and after school. This problem could be lessened by use of a portion of the Civic Center parking.

Population Mobility

Almost 50 per cent of all families have resided in their homes for 10 years or more, according to the 1970 Census. Over 65 per cent of those who own their own homes have occupied them for 10 years or more. Almost two-thirds of the residents own their own homes and tend to remain in them for long periods of time. At some point, these houses will be sold to younger families; the timing is difficult to predict. The possibility of housing for senior citizens in Clifton may hasten some sales. The potential for some growth in school population, therefore, exists, though it should be borne in mind that patterns in family life are changing and growth is not likely to be as extensive as in the past.

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* Adapted from Clifton Master Plan, "Technical Studies," Transportation, pp. 25-26.

The number of applications for subdivision of existing lots into smaller lots has been increasing recently. Where zoning permits such subdivision, there will be increased building. Due to the high value of the land there is also a trend to redevelop built-up land by demolishing older structures and building anew. The new use is usually one of greater density.

Despite these factors, there is some evidence of migration out of the City of families with children of preschool and school age.

Public Utilities

The entire City has a public water supply with Passaic, Clifton, and Paterson the joint owners of the Passaic Valley Water Commission. The City is also completely sewered. Local lines are owned by the City, while trunk lines and the treatment plant are owned and operated by the Passaic Valley Sewerage Commission.

Future Enrollments

Consideration has been given to all the above factors in making the estimates of future enrollments for the next 10 years.

Births and Kindergarten Enrollments

A relationship was established between the number of births to resident parents and kindergarten enrollments five years after birth. The results are presented in Table 8. In making estimates of future kindergarten enrollments, it has been assumed that 66 per cent of the number born will enter public school kindergarten five years later. Beyond 1983-84, since births after 1978 are not available, kindergarten enrollments have been estimated at 160 per year. Continued examination of enrollment trends should be done as new data become available.

Table 8
RELATIONSHIP OF BIRTHS AND KINDERGARTEN ENROLLMENTS
FIVE YEARS LATER, WITH ESTIMATES TO 1983-84
Clifton, New Jersey

Birth Year	Number Born	Kindergarten		
		School Year	Enrollment	Ratio to Births
1965	1,241	1970-71	891	72
1966	1,133	1971-72	777	69
1967	1,044	1972-73	670	64
1968	984	1973-74	652	66
1969	1,005	1974-75	643	64
1970	950	1975-76	636	67
1971	832	1976-77	557	67
1972	747	1977-78	491	66
1973	713	1978-79	473	66
		Estimated		
1974	695	1979-80	459	66
1975	711	1980-81	469	66
1976	687	1981-82	453	66
1977	748	1982-83	494	66
1978	693	1983-84	457	66

Study of the above table shows that a number of children born to residents do not attend public kindergarten five years later. This is due to migration out of Clifton of families with preschool children and to the sizable number of children attending nonpublic schools (20 per cent in kindergarten through grade twelve).

Past Enrollments

Table 9 gives public school enrollments by grade each year since 1970-71. Since that year total enrollment has declined by 3,480 pupils, or 38 per cent. The decline has been steady, with the largest loss, 604, from 1977-78 to 1978-79. Kindergarten enrollments have decreased 418 pupils, or 47 per cent, over the same period. Kindergarten registration for 1979-80, as of June 1, 1979, is estimated at 427; estimates of the Consultants project 459 pupils for September, 1979.

Table 9
ENROLLMENTS BY GRADE
Clifton, New Jersey
1970-71 through 1978-79

Year	K	1	2	3	4	5	6	7	8	9	10	11	12	Sp.	Total
1970-71	891	853	811	848	894	888	883	944	1,002	1,056	1,079	1,053	963	137	12,302
1971-72	777	827	826	779	849	853	867	950	901	1,153	1,052	1,068	1,009	148	12,059
1972-73	670	745	786	838	783	831	840	924	906	980	1,110	1,040	1,003	149	11,605
1973-74	652	637	724	764	836	769	817	846	891	999	973	1,059	990	152	11,109
1974-75	643	631	616	730	793	815	765	841	851	966	967	944	1,009	137	10,708
1975-76	636	632	607	618	728	774	828	837	826	902	957	951	909	134	10,339
1976-77	557	664	598	614	620	711	755	826	814	886	863	942	909	132	9,891
1977-78	491	556	643	607	608	625	714	773	849	812	886	845	882	135	9,426
1978-79	473	499	534	615	585	599	613	733	760	839	809	856	786	121	8,822

Enrollments as of the end of September each year.

As pupils in the grades move through school from year to year, changes occur in grade enrollments resulting from migration, retention, transfers to and from nonpublic schools, entrance into vocational schools, and dropouts or early graduation from high school. The relationships from one grade to the next are called"survival ratios." Figures over 100 represent increases from one grade to the next, while those under 100 decreases from one grade to the next. Survival ratios have been calculated for each grade in Clifton, and these are illustrated in Table 10 since the 1974-75 school year. Also presented are the ratios used in making the projections, for the most part the average of the last four years.

Table 10
SURVIVAL RATIOS
Clifton, New Jersey
1974-75 through 1978-79

Year	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75 to 1975-76	98	96	100	100	98	102	109	98	106	99	98	96
1975-76 to 1976-77	104	95	101	100	98	98	100	97	107	96	98	96
1976-77 to 1977-78	100	97	102	99	101	100	102	103	100	100	98	94
1977-78 to 1978-79	102	96	96	96	99	98	103	98	99	100	97	93
Used in Projections	101	96	100	99	99	99	103	99	100	99	98	95

Estimates of Enrollments

Based upon the foregoing data, estimates of future enrollments have been prepared through 1988-89. These are presented in Table 11 by grade and in Table 12 by grade groupings.

With the possibility that fewer pupils will attend nonpublic schools in the future, examination of the survival ratios of the early 1970's was made. This was the period when larger numbers of pupils entered public grades seven and nine than in recent years. Except for these two grades, survival ratios were not significantly different. A second set of projections was made in order to analyze the effect of this possibility. They are presented in Table 13.

Table 11
ESTIMATES OF ENROLLMENTS BY GRADE
Clifton, New Jersey
1979-80 through 1988-89

Year	K	1	2	3	4	5	6	7	8	9	10	11	12
1978-79	473	499	534	615	585	599	613	733	760	839	809	856	786
1979-80	459	478	479	534	609	579	593	631	726	760	831	793	813
1980-81	469	464	459	479	529	603	573	611	625	726	752	814	753
1981-82	453	474	445	459	474	524	597	590	605	625	719	737	773
1982-83	494	458	455	445	454	469	519	615	584	605	619	705	700
1983-84	457	499	440	455	441	449	464	535	609	584	599	607	670
1984-85	460	462	479	440	450	437	445	478	530	609	578	587	577
1985-86	460	465	444	479	436	446	433	458	473	530	603	566	558
1986-87	460	465	446	444	474	432	442	446	453	473	525	591	538
1987-88	460	465	446	446	440	469	428	455	442	453	468	515	561
1988-89	460	465	446	446	442	436	464	441	450	442	448	459	489

Enrollments for 1978-79 are actual.

Between 1973-74 and 1978-79 total enrollment declined by 21 per cent, with the greatest decrease in the elementary grades—25 per cent. The decrease for grades seven through nine was 15 per cent and for grades ten through twelve 19 per cent. By 1983-84 total enrollment is expected to decrease at close to the same percentage as in the previous six years—22 per cent. During this next period, greater decline is anticipated in grades seven through nine, 26 per cent, and grades ten through twelve, 23 per cent, as the smaller numbers of pupils now in the elementary grades move through the school system. Decline in kindergarten through grade six is expected to diminish to 18 per cent.

Table 12
ESTIMATES OF ENROLLMENTS BY GRADE GROUPINGS
Clifton, New Jersey
1979-80 through 1988-89

Year	K-6	7-9	10-12	K-12	Sp.	Total	K-3	4-6	K-5	6-8	9-12
1978-79	3,918	2,332	2,451	8,701	121	8,822	2,121	1,797	3,305	2,106	3,290
1979-80	3,731	2,117	2,437	8,285	117	8,402	1,950	1,781	3,138	1,950	3,197
1980-81	3,576	1,962	2,319	7,857	111	7,968	1,871	1,705	3,003	1,809	3,045
1981-82	3,426	1,820	2,229	7,475	105	7,580	1,831	1,595	2,829	1,792	2,854
1982-83	3,294	1,804	2,024	7,122	102	7,224	1,852	1,442	2,775	1,718	2,629
1983-84	3,205	1,728	1,876	6,809	99	6,908	1,851	1,354	2,741	1,608	2,460
1984-85	3,173	1,617	1,742	6,532	96	6,628	1,841	1,332	2,728	1,453	2,351
1985-86	3,163	1,461	1,727	6,351	92	6,443	1,848	1,315	2,730	1,364	2,257
1986-87	3,163	1,372	1,654	6,189	92	6,281	1,815	1,348	2,721	1,341	2,127
1987-88	3,154	1,350	1,544	6,048	90	6,138	1,817	1,337	2,726	1,325	1,997
1988-89	3,159	1,333	1,396	5,888	90	5,978	1,817	1,342	2,695	1,355	1,838

Enrollments for 1978-79 are actual.

Table 13
ESTIMATES OF ENROLLMENTS - II*
Clifton, New Jersey
1979-80 through 1988-89

Year	7	8	9	10	11	12	K-6	7-9	10-12	K-12	Sp.	Total
1978-79	733	760	839	809	856	786	3,918	2,332	2,451	8,701	121	8,822
1979-80	644	726	844	831	793	813	3,731	2,214	2,437	8,382	119	8,501
1980-81	623	638	806	836	814	753	3,576	2,067	2,403	8,046	113	8,159
1981-82	602	617	708	798	819	773	3,426	1,927	2,390	7,743	107	7,850
1982-83	627	596	685	701	782	778	3,294	1,908	2,261	7,463	104	7,567
1983-84	545	621	662	678	687	743	3,205	1,828	2,108	7,141	101	7,242
1984-85	487	540	689	655	664	653	3,173	1,716	1,972	6,861	98	6,959
1985-86	467	482	599	682	642	631	3,163	1,548	1,955	6,666	94	6,760
1986-87	455	462	535	593	668	610	3,163	1,452	1,871	6,486	92	6,578
1987-88	464	450	513	530	581	635	3,154	1,427	1,746	6,352	92	6,444
1988-89	449	459	500	508	519	552	3,159	1,408	1,579	6,146	91	6,237

Enrollments for 1978-79 are actual.
* Assuming that greater numbers of pupils will enter public grades 7 and 9 from nonpublic schools.

Special Education

Table 9 gives the special education enrollments since 1970-71. An average of 2 per cent of the enrollment in kindergarten through grade nine has been assigned to these classes during the past 10 years. Estimates have been made on this basis, and they are included in Tables 12 and 13.

In-district special class children are housed in elementary schools Nos. 11, 13, and 14, as well as in the secondary schools. The classes include handicapped pupils in the following major classifications: educable and trainable mentally retarded, deaf, emotionally disturbed and neurologically impaired, as well as other handicaps.

A total of 1,090 students are included in classes within or outside the district or receive specialized instruction. Specific groupings, other than classes for handicapped children in the district, include:

	Enrollment
Preschool Instruction	6
Resource Room Assistance	44
Speech Correction	588
Supplemental Instruction	133
Public School Special Classes outside the District	66
State Schools	6
Private Schools	78
Home Instruction	35
Instruction by Itinerant Teacher	8
Total	964

III

SUPPORT FACTORS

Community aspirations for its children are high, and education has been well supported in Clifton. According to the 1970 Census more than 50 per cent of the citizens have completed high school and 14.1 per cent have completed college. Taking into consideration the recent percentage of college acceptance of about 60 per cent of Clifton High School graduates, it follows that parents are attempting to provide a college education for a large number of secondary school graduates.

The level of support of annual school operation is satisfactory. Clifton has a net current expense allotment per pupil, kindergarten through grade twelve, of $1,856.17 for the year 1978-79. There is every indication that the school system is effectively and efficiently operated. Recent budgetary approval by the Board of School Estimate is positive. Although reductions of the Board's budget have been made, the Board has not appealed the decision.

Median family income in 1970 was $11,947. Its per capita income in 1974 was $5,826, compared to Passaic County's of $4,839. This is exceeded in the County only by Wayne's $6,125.

The 1970 U. S. Census of Housing indicates that the median value of homes was $27,100. The average assessed value of a home in Clifton was $34,000, as of the last revaluation in 1972.*

In 1977, the average annual equalized valuation was $1,438,301,673. Bonded indebtedness in 1978 totals $3,510,000, or about 2/10ths of 1 per cent. The school district is in excellent condition for future required expenditures.

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* According to letter from Alfred J. Greene, Jr., Tax Assessor, June 22, 1979.

IV

TRANSPORTATION

Map 7 presents the circulation system in Clifton; also shown are traffic problem areas.

When the older portions of Clifton were developed, use of the automobile was still limited and there was more reliance on public transportation. With the growth of new highways following World War II, newer developments stimulated use of the automobile and decreased use of rail and bus transportation. Industry now depends upon highways both to move goods and to attract employees. A decline in bus passengers led to curtailed service, and bus transportation began to decline. Current energy shortages may reverse this.

Employment centers which were once the major job locations (Paterson, Passaic, Newark) were served by bus routes. "With the move of industry away from these central cities, there are new job centers in other locations—in Wayne, Morris County, the Meadowlands, for example. The bus routes, for the most part, have not been adjusted to the new pattern of development."*

Clifton is served by 23 bus routes operated by eight different companies. "The most serviced streets are: N. J. Route 3 with eight routes; Lexington Avenue, six; Main and Van Houten Avenues, four each; and Kingsland and Lakeview Avenues, three each."* A new bus route to Montclair College is under consideration by revising one of the present routes.

Rail passenger service is available on Erie-Lackawanna branch of Conrail. The line runs between Suffern, New York, and Hoboken. There are two stations

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* The Planning Association of North Jersey, op. cit., "Technical Studies," Transportation, p. 28.

CITY OF CLIFTON
CIRCULATION SYSTEM
LEGEND
HIGHWAYS
ARTERIAL STREETS
COLLECTOR STREETS
SIGNALIZED INTERSECTIONS
STATE HIGHWAYS
COUNTY ROADS
STREET RIGHT-OF-WAY WIDTH
TRAFFIC PROBLEM AREAS
PREPARED FOR
PLANNING BOARD
BY
THE PLANNING ASSOCATION OF NORTH JERSEY
April 1978
MAP 7
ROUTE 3
TOWN OF MONTCLAIR
TOWN OF BLOOMFIELD
TOWN OF NUTLEY

in Clifton. Commuter trains into Hoboken, where there is a PATH connection to New York City, have experienced an increase in users. The current fuel shortage can be expected to increase this ridership on both trains and buses.

Newark Airport is 13 miles away and Teterboro Airport about 6 miles from Clifton.

V

ETHNO-CULTURAL FACTORS

In the 1970 Census, of a total population of 82,437 persons, 81,953, or 99.4 per cent, were white; 267 or 0.3 per cent black; and 217, or 0.3 per cent, other. A summary of the racial and ethnic population of the schools since 1976-77 is given in Table 14. These data were taken from the Fall Report to the New Jersey Department of Education.

Table 14
RACIAL AND ETHNIC DISTRIBUTION OF ENROLLMENTS
Clifton, New Jersey
1976-77 through 1978-79

	White		Black		Hispanic		Other*		Total	Minority	
Year	No.	%	No.	%	No.	%	No.	%	Enr.	No.	%
1976-77	9,573	96.8	71	0.7	117	1.2	130	1.3	9,891	318	3.2
1977-78	9,125	96.8	62	0.6	138	1.5	101	1.1	9,426	301	3.2
1978-79	8,474	96.1	74	0.8	178	2.0	96	1.1	8,822	348	3.9

* Other = American Indian, Alaskan Native, Asian or Pacific Islander.

All neighborhoods in Clifton have minority children. The largest concentration of black persons, in the 1970 Census, was in the Upper Athenia and Dutch Hill sections and of Hispanic persons in the Allwood-Richfield area.*

* The Planning Association of North Jersey, op. cit., "Technical Studies," Population, p. 19.

THE EDUCATIONAL PROGRAM*

Enrollments and Grade Organization

Table 15 presents enrollments and grade organization for Clifton's 16 schools.

Table 15
ENROLLMENTS AND GRADE ORGANIZATION
Clifton, New Jersey
1978-79

School	K	1	2	3	4	5	6	Sp.	7	8	9	10	11	12	Total
Elementary															
No. 1	26	39	32	40	46	51	42	-	-	-	-	-	-	-	276
No. 2	49	43	49	66	64	69	65	-	-	-	-	-	-	-	405
No. 3	37	34	31	44	39	37	39	-	-	-	-	-	-	-	261
No. 4	17	24	22	18	21	30	19	-	-	-	-	-	-	-	151
No. 5	51	49	59	64	60	61	69	-	-	-	-	-	-	-	413
No. 8	26	33	31	35	35	44	36	-	-	-	-	-	-	-	240
No. 9	36	42	56	61	62	56	47	-	-	-	-	-	-	-	360
No. 11	52	49	49	58	42	47	53	23	-	-	-	-	-	-	373
No. 12	50	65	63	67	72	75	63	-	-	-	-	-	-	-	455
No. 13	37	42	28	45	44	39	55	49	-	-	-	-	-	-	339
No. 14	26	21	29	38	24	23	32	27	-	-	-	-	-	-	220
No. 15	46	36	56	48	49	34	53	-	-	-	-	-	-	-	322
No. 16	20	22	29	31	27	33	40	-	-	-	-	-	-	-	202
Junior High															
Columbus	-	-	-	-	-	-	-	4	452	430	495	-	-	-	1,381
Wilson	-	-	-	-	-	-	-	18	281	330	344	-	-	-	973
Clifton High	-	-	-	-	-	-	-	-	-	-	-	809	856	786	2,451
Totals	473	499	534	615	585	599	613	121	733	760	839	809	856	786	8,822

* This section is based upon data furnished by the Clifton school administration.

Administrative Organization

The chart on the following page shows the administrative structure of the school district.

Philosophy and Goals

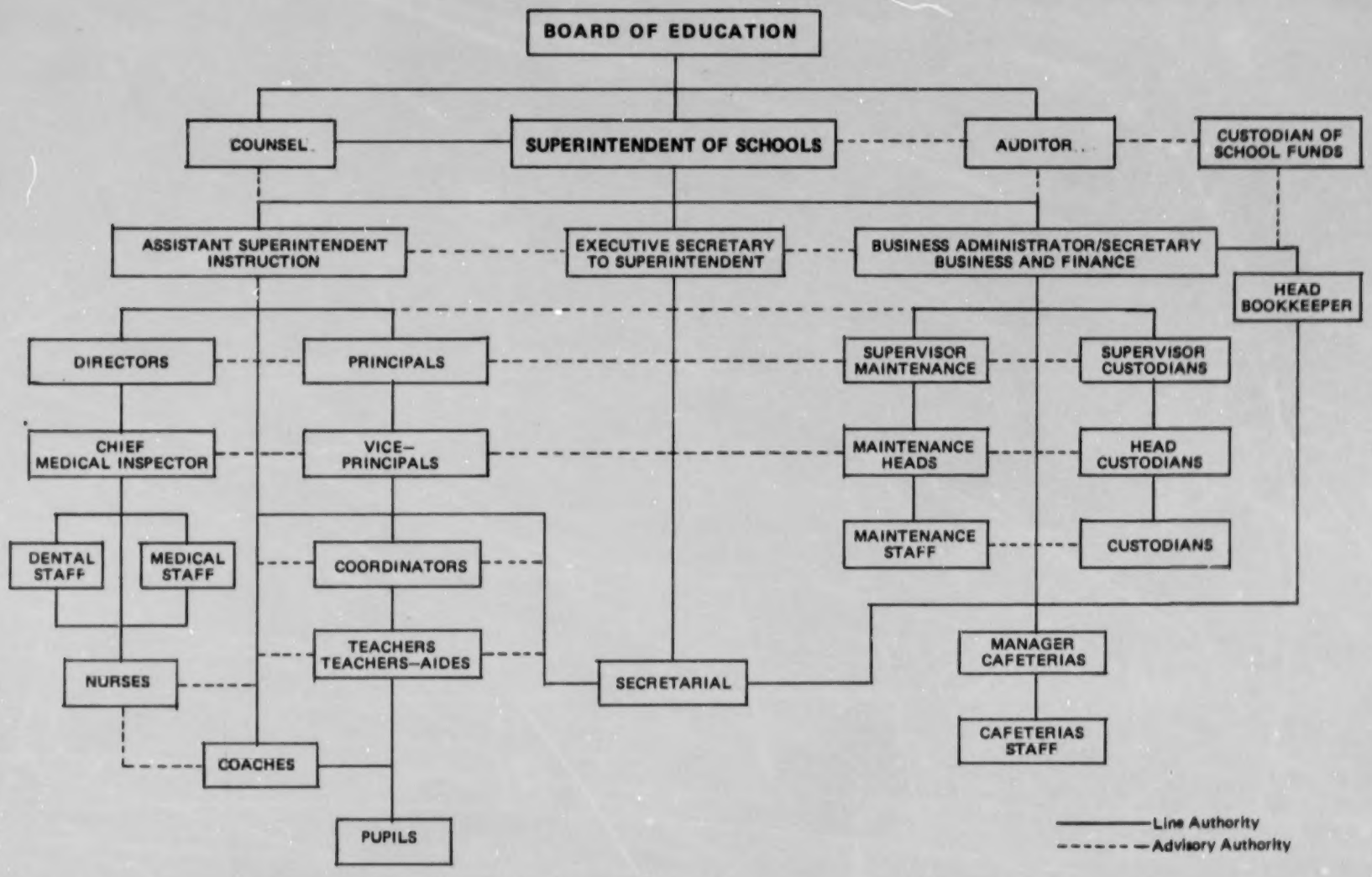
The philosophy of the Clifton Public Schools is to strengthen, improve, and unify American life by instilling in our pupils those attitudes and attributes of mind and body that will best contribute to the fullest development of the individual as a worthy and responsible citizen and a cooperating member of our society.

Our philosophy is implemented by offering a body of common learning for all American youth and by differentiation in instructional activities, materials, methods, and motivations. Our curricula provide the opportunity to acquire the basic and essential skills needed in everyday life, to study the cultural heritage of man and his ideals and aspirations, and to examine critically scientific knowledge and its impact upon the progress of civilization.

Differentiation is accomplished through teaching according to variations in maturity of intelligence, social growth, physical development, and occupational plans and aptitudes of each youth. The provision of specialized vocational training opportunities contributes to the development of each pupil's unique abilities as a self-directing economic unit in our society. Purposeful activities are also included to develop the social competency of the individual.

Each teacher can best follow this philosophy of our schools by accepting and discharging those specific functions assigned him to the best of his ability and in a manner that will foster discipline and earn the respect, admiration, and affection of his pupils. Kindness and understanding should be the watchwords throughout all teaching.

ADMINISTRATIVE ORGANIZATION
CLIFTON, NEW JERSEY



Each child should be challenged to his utmost to realize his basic right to an education in the fundamentals; his individual right to fulfill his potentialities; his particular right to prepare for and to embark upon a suitable career; and his inalienable right to live happily with others through individual responsibility in a free and democratic society.

The following goals were adopted by the Board in May, 1977.

1. Develop skills in reading, writing, speaking, and listening.
2. Develop the basic skills of addition, subtraction, multiplication, division and word problems with comprehension and application.
3. Develop good character and self-respect.
4. Develop pride in work and a feeling of self-worth.
5. Learn to respect and get along with people with whom we work and live.
6. Gain a general education.
7. Develop a desire for learning now and in the future.
8. Learn how to examine and use information.
9. Learn how to be a good citizen.
10. Learn how to respect and get along with people who think, dress, and act differently.
11. Develop skills to enter a specific field of work.
12. Learn how to be a good manager of money, property, and resources.
13. Practice and understand the ideas of health and safety.
14. Understand and practice democratic ideas and ideals.
15. Gain information needed to make job selections.
16. Learn about and try to understand the changes that take place in the world.
17. Appreciate culture and beauty in the world.
18. Understand and practice the skills of family living.

19. Learn how to use leisure time.

Articulation

The district has an effective organization of grade levels to fulfill needs of pupils at different maturational levels. Many efforts ensure articulation between schools and continuous progress for pupils as they move through the school system. The following activities or organizational structures exist to provide a smooth transition for pupils from one educational unit to the next:

1. A very comprehensive set of program goals, objectives, and standards has been written for appropriate grade levels to provide continuous progress for pupils in the academic areas, the arts and music, business education, guidance, career education, and reference and research skills.

2. School regulations concerning dress code, discipline and suspension, guidance, and attendance are consistent among the two junior high and the high schools.

3. The same guidance counselors at junior and senior high levels counsel pupils for the full three years they are in the school.

4. Districtwide directors are appointed to provide supervision and continuity in pupil personnel services; audiovisual aids; health, physical education, and athletics; elementary school education; and secondary school curriculum.

5. Curriculum study committees include representatives from kindergarten through grade six.

6. Each elementary school prepares recommendations for a designated phase of the curriculum and participates in pilot programs and in-service education.

7. Secondary school subject coordinators assist corresponding elementary school subject committees for continuity in kindergarten through grade twelve.

8. Curriculum study committees in the upper grades have representatives from grades seven through twelve, and they are under the supervision of subject coordinators who have supervisory responsibility for these grades.

9. The director of secondary curriculum guides principals and subject coordinators in implementation and direction of State-mandated programs.

Curriculum and Activities in the Teaching-Learning Process

The Clifton school district offers a well organized program of studies and services to a broad range of pupils. The Board of Education in its philosophy statement for the district mandates a "body of common learning" for all pupils, but it also specifies "differentiation through teaching according to variations in maturity of intelligence, social growth, physical development, and occupational plans and aptitudes of each youth."

Elementary

The elementary school educational program is based upon the self-contained classroom concept, with variations and adaptations possible so that flexibility results, permitting large and small group instruction and individualization.

Subjects taught include reading, mathematics, social studies, science, language arts, music, art, health and physical education. Media centers (libraries) provide a rich source of information in many forms. All-purpose rooms facilitate assemblies, physical education activities, parent group meetings, and musical and dramatic activities.

An effective and unique remedial program was instituted by the Superintendent 18 years ago, providing additional individual and small group instruction to students who require it because they need more time or more detailed explanations. Also, within the last several years, the State has instituted the Compensatory Education Program, which provides remediation via special instructors in both language arts and mathematics.

A new program in "Careers" is being introduced in the elementary schools in 1979-80 expanding teaching which had been a part of the social studies curriculum in the past. Special materials are being ordered, and a course of study has been written for this program.

An "English as a Second Language" program has been instituted for those pupils with limited ability in speaking English.

Various opportunities for gifted and talented students have been provided during the past 10 years. This program is being expanded so that a greater variety of talents and abilities will be recognized and developed and a wider span of ages addressed. Funds have been budgeted for this program; and a program, developed through a "grass roots" approach, has been designed.

The reading program, extending from "readiness" in the kindergarten through advanced reading in the sixth grade, is designed to include 23 levels. Students' progress is measured frequently, and additional materials and techniques are applied to assist any students for whom it is necessary. In addition to the remedial program previously mentioned, there is a federally-funded Title I Remedial Reading program which provides specialized assistance in grades one through six.

In mathematics, a new program promoting the development of strong skills in computation was introduced in 1976 and 1977. Also, there is supplementary material available for use as required.

For 1979-80, a new program in social studies has been planned and budgeted, and it will be purchased for all elementary grades. This program updates information about countries of the world, provides better correlation with the reading program, and is strong in the development of map skills. In the program also there is increased emphasis on history and geography.

The science program continues to teach through information and demonstration. New materials are being purchased as they become available to keep the information being taught up-to-date.

Language arts in the curriculum includes literature, handwriting, spelling, and composition. Materials and methods in the last several years have

focused upon increasing students' abilities in the areas of composition and handwriting. Inservice education of teachers to update skills in teaching handwriting has been planned.

The music program includes singing, rhythmic activities, appreciation, creative activities, and the playing of musical instruments. Also, many musical assemblies are produced which enable students to learn music associated with various countries, holidays, seasons, and other special events.

In art, students produce works in great variety designed to provide an esthetic outlet for expressing themselves. These art works are displayed throughout the schools and are also used during special assemblies and programs. Art abilities of students are also used in conjunction with their other studies.

Growth and development of students from the physical standpoint is extremely important, and it is fostered through a comprehensive sports and physical education program designed and carried out by special physical education teachers together with classroom teachers. The health education aspect of this instruction is taught by the staff of nurses because of the knowledge they can bring to this subject.

Elementary school subject time allotments are presented in Table 16. Teachers may deviate from this guide to meet special needs of pupils.

Table 16
ELEMENTARY SCHOOL WEEKLY SUBJECT TIME ALLOTMENTS
Clifton, New Jersey

Subject	Grade/Minutes per Week					
	1	2	3	4	5	6
A.M. Opening Activities	100	100	100	65	65	65
P.M. Opening Activities	75	75	75	75	75	75
Arithmetic	150	150	175	190	200	200
Art	60	60	60	60	60	60
Assemblies	40	40	40	40	40	40
English	60	80	145	165	185	185
Music	60	60	60	60	60	60
Penmanship	75	75	75	75	75	75
Physical Education, Health, & Supervised Recess	150	150	150	150	150	150
Reading - including Supplementary Reading & Library	625	520	425	310	200	200
Literature - included in Reading Grades 1-3	-	-	-	30	30	30
Phonics - included in Reading Grades 4-6	75	75	75	-	-	-
Spelling	75	100	100	100	100	100
Science	25	50	50	50	70	70
Social Studies	25	60	90	-	-	-
History, Civics	-	-	-	140	170	170
Geography	-	-	-	140	170	170
Milk - Break time	25	25	-	-	-	-
Lavatory - Break time	30	30	30	-	-	-
Total	1,650	1,650	1,650	1,650	1,650	1,650

Junior High School

The Clifton junior high school program is designed as a continuation of the elementary school curriculum in grades seven and eight. This is reflected in the courses offered, the time allotted to each, the fact that the teachers teaching them are, for the most part, elementary certified, and both principals come from a strong elementary school administrative background. The ninth grade program reflects the typical first year high school program; a minimum of 30 credits per week must be scheduled—15 required credits and 15 electives.

Table 17 gives the course offerings in the junior high schools.

Table 17
JUNIOR HIGH SCHOOL COURSES
Clifton, New Jersey

Course	Course	Course
Grade 7	Grade 8 (continued)	Grade 9 (continued)
English-Grammar/Composition	Related Arts Area:	Earth Science
Reading/Literature	Wood Shop - 5 weeks	Biology
Mathematics	Metal Shop - 5 weeks	General Business Training
Science	Sewing - 5 weeks	Personal Typing
Social Studies	Interior Design - 5 weeks	General Art
Physical Education/Health	Music - 10 weeks	Art Workshop
Related Arts Area:	Fine Arts - 10 weeks	Band
Graphic Arts - 5 weeks	Algebra (for selected pupils)	Chorus
Electric Shop - 5 weeks		Home Economics I
Cooking - 5 weeks	Grade 9	Cooking
Family Life - 5 weeks	English	Sewing
Music - 10 weeks	General Mathematics	Family Life
Fine Arts - 10 weeks	Introduction to Algebra, Part I	Interior Design
	Algebra I	Cooking Something Simple/
Grade 8	Geometry	Sewing Something Simple
English-Grammar/Composition	French	Industrial Arts
Reading/Literature	German	Wood
Mathematics	Italian	Metal
Science	Spanish	Graphic Arts
Social Studies	World History	Electric
Physical Education/Health	Civics	Mechanical Drawing I
	General Science	Physical Education/Health

High School

Clifton High School has a very broad program of subject offerings and services to meet the needs and vocational goals of a wide range of pupils. The school is organized into a seven-period day with one-half period allotted to a homeroom session and one-half to lunch. A total of 110 credits earned in grades nine through twelve is required for graduation. Required courses include two years of American History and four of English and physical education.

English, history, and science are offered in different tracks to meet different ability levels and future goals of pupils. Honors classes are scheduled in areas of English, history, mathematics, and science. There are many other opportunities for students who are talented in other areas. "Dance for the Gifted" is offered to pupils who are talented in this area. Subject matter in this course includes instruction in jazz, ballet, modern, theatrical, and improvisational dance.

Areas of interest which are not normally available in industrial arts in most public secondary schools are: micro-electronics, computer typesetting, structural carpentry, arc welding, quick-change tooling on a lathe, air brush and photo drafting, fluid power in the auto lab, and refrigeration and air conditioning.

For the past seven years Clifton High School has been an active member of the New Jersey Chemistry League whose purpose is to provide competition in science on a team basis under the guidance of the Chemistry Department of Fairleigh Dickinson College. Biology students have access to an ecological field area for doing research projects, making collections, and doing surveys. Finally, in the science area, the following motivating clubs to develop special interests are available: Botany, Zoology, Physics, Ham Radio, Camping and Back-packing, Fly Fishing, and Hunter Safety.

Original approaches are also followed in offering remedial instruction, especially in areas of compensatory education financed by the State. Students who have shown serious need for improvement in the basic skills of mathematics or communication are scheduled in the Compensatory Education program. The basic structure of the program is one of "team teaching," where one teacher instructs a class as a second instructor aids students individually. This classroom environment provides for continual reinforcement of essential skills and for exposure to different teaching techniques. Students who have participated in this program have shown academic progress,

as measured by test scores and teacher grades. They have also improved their attitude toward education and have been able to function more effectively in other content areas.

Broad experiences are provided in the area of music. These include offerings in piano and organ, music theory, guitar, band, chorus, and choir.

Ninety-two students are engaged in a work-study program in distributive education and secretarial programs. A final note of a modern program element is the inclusion in the health courses of a unit on death. This unit, included after a careful pilot study to determine student attitudes and needs, offers concepts concerning death as a biological reality, as a social and cultural occurrence, and as a spiritual and religious experience.

Table 18 includes a listing of all courses offered students in Clifton High School.

Table 18
HIGH SCHOOL COURSES
Clifton, New Jersey

Course	Course	Course
ENGLISH	ENGLISH (continued)	SOCIAL STUDIES
English IIH	Film/Creative Writing (CP)	American History IA
English IIA	Journalism	American History IB
English IIB	Drama	American History IC
English IIC	English IV AP	American History ID
Basic Skills II	British Literature/	American History IIH
Speech	Creative Writing	American History IIA
English (Second Language)	British Literature/Bible	American History IIB
English IIIH	British Literature/Write-Now	American History IIC
America Speaks/Write-Now	British Literature/Edges	American History IID
America Speaks/Adolescence	British Literature/Business English	American History FB
America Speaks/Creative Writing	Voice/Business English	Economics A
Communications/Reading	Voice/Reading	Economics C
Communications/Adolescence	Voice/Edges	Modern European History A
Communications/	Basic Skills IV	Modern European History C
Writers' Workshop	Humanities (CP)	Contemporary Civilization
Basic Skills III	Write-Now/Novel (CP)	Sociology CP
Write Now/Film	Bible/Write-Now (CP)	Sociology G

Course	Course	Course
SOCIAL STUDIES (continued)	ART	BUSINESS EDUCATION
Anthropology	General Art	(continued)
Psychology A	Art Workshop	Secretarial Office Practice
Psychology C	Painting & Drawing	Cooperative Office Education
Introduction to Philosophy	Crafts I	Work Experience
	Crafts II	Distributive Education I
LANGUAGE	Stage & Advertising	Distributive Education II
Spanish I	Fashion & Interior	
Spanish II	Adventures in Design	HOME ECONOMICS
Spanish III		Foods
Spanish IV	SCIENCE	International Foods
French I	Earth Science A	Clothing I
French II	Earth Science C	Clothing II
French III	Biology A	Sew Something Simple/
French IV	Biology C	Plain & Easy Cooking
Italian I	Chemistry A	Furnishing Your First Home/
Italian II	Chemistry C	Regional Foods USA
Italian III	Physics A	Home Handicrafts/
Italian IV	Physics C	Caring for Child
German I	Chemistry IIH	
German II	Physics IIH	INDUSTRIAL ARTS
German III	Advanced Biology H	Cooperative Industrial Education
German IV	Medical Technology	Electricity & Electronics I
Russian I		Electricity & Electronics II
Russian II	BUSINESS EDUCATION	Electricity & Electronics III
Russian III	Stenography IA	Graphic Arts I
	Stenography IC	Graphic Arts II
MATHEMATICS	Stenography IIA	Graphic Arts III
Shop Math	Stenography IIC	Mechanical Drawing I
Introductory Algebra I, Part II	Transcription A	Mechanical Drawing II
Algebra I	Transcription C	Mechanical Drawing III
Modern Geometry	Typing I	Mechanical Drawing IV
Algebra II	Typing IIA	Metals I
Senior CP Math	Typing IIC	Metals II
Math/Daily	Personal Typing	Metals III
Essentials of Math	Rapid-Writing/Typing	Power Mechanics I
Math/Life	Record Keeping	Power Mechanics II
Geometry (Sophomore)	Accounting I	Refrigeration &
Algebra IIS/Computer	Accounting II	Air Conditioning I
Elementary Mathematical	Accounting III	Refrigeration &
Analysis	General Math	Air Conditioning II
Calculus AB H	Commercial Arithmetic	Woods & Plastics I
Calculus BC H	General Business Training	Woods & Plastics II
Probability & Statistics/	Geography	Woods & Plastics III
Computer	Law	Engineering Graphics
Computer/Liberal Arts Math	Consumer Education	
Statistics & Probability	General Office Practice	MUSIC
Linear Algebra	Cooperative Office Practice	Materials of Music I

Course	Course	Course
MUSIC (continued)	MUSIC (continued	PHYSICAL EDUCATION & HEALTH
Materials of Music II	Organ & Piano II	Physical Education 10-12
Materials of Music III	Organ & Piano III	Health
Mixed Chorus	Band	Driver Education
Concert Choir	Orchestra	
Girls' Glee Club	Classical Guitar	
Organ & Piano I	Music IWP	

Interdisciplinary Activities

Many subjects are interrelated in the elementary schools as are many of the activities. Music and art are correlated with social studies and physical education. Instrumental music is combined with vocal music. In assemblies, drama, speech arts, art, music, and physical education are combined around seasonal, holiday, patriotic, or other topics.

In reading, use is made of literature and information on many other topics. Writing and spelling are two areas which are applied to science and social studies, for example. Language arts is a broad subject which includes spelling, handwriting, composition, and grammar; and these areas are applied to many literary forms, including biography, fiction, reference articles, motion pictures, drama, and news reporting.

Mathematics is studied in pure form, then applied to science, economics, commerce, simple engineering problems, and map skills. Science involves experiments, biography, anthropology, sociology, psychology, physics, mechanics, fluid dynamics, biology, and botany. Social studies include world geography, history, politics, sociology, and a host of contemporary problems. Health as a subject includes a range of topics, from first aid to home and family life.

Although these topics are presented on a child's level, they represent a very important introduction to basic concepts which in later years will be elaborated upon in detail.

The following instances of relating various disciplines occur in the secondary schools in Clifton:

1. Plays, dramatic and musical presentations are cooperative ventures among the disciplines of music (voice and band), English (drama), physical education (dance), and industrial arts (stage construction and program printing).

2. Humanities is a course offered in the integrated study of varied disciplines, including literature, history, art, sculpture, philosophy, anthropology, architecture, music, dance, and the sciences and provides opportunities to develop a deeper understanding of man's past and present.

3. Application of the calculus is made in the physics course.

4. The social studies teacher works with the "English as a Second Language" teacher to assist foreign-born students in overcoming their language barriers with the course, "American History for the Foreign Born."

Class Size

The following tables give class sizes in the elementary and secondary schools as of September 30, 1978.

Table 19
AVERAGE CLASS SIZE - ELEMENTARY SCHOOLS
Clifton, New Jersey
1978-79

School	Grade/Average Class Size						
	K	1	2	3	4	5	6
1	13.0	19.5	16.0	20.0	23.0	25.5	21.0
2	24.5	21.5	24.5	22.0	21.3	23.0	21.7
3	18.5	17.0	15.5	22.0	19.5	18.5	19.5
4	17.0	24.0	22.0	18.0	21.0	30.0	19.0
5	25.5	24.5	19.7	21.3	20.0	20.3	23.0
8	13.0	16.5	15.5	17.5	17.5	22.0	18.0
9	18.0	21.0	28.0	20.3	20.7	28.0	23.5
11	26.0	24.5	24.5	29.0	21.0	23.5	26.5
12	25.0	21.7	21.0	22.3	24.0	25.0	21.0
13	18.5	21.0	28.0	22.5	22.0	19.5	27.5
14	13.0	21.0	29.0	19.0	24.0	23.0	16.0
15	23.0	18.0	28.0	24.0	24.5	17.0	26.5
16	20.0	22.0	14.5	15.5	27.0	16.5	20.0
Totals	18.9	20.8	22.3	21.2	21.7	22.2	21.9

Table 20
AVERAGE CLASS SIZE - SECONDARY SCHOOLS
Clifton, New Jersey
1978-79

Subject	Average Class Size		
	Junior High		
	Columbus	Wilson	Clifton High
English	28	25	22
Mathematics	26	24	25
Science	27	24	20
Social Studies	23	25	24
Physical Education	38	30	38
Health	38	21	33
Industrial Arts	19	13	20
Art	20	27	20
Music	18	22	33
Home Economics	17	13	22
Foreign Language	21	22	22
Business	25	24	22

Use of Media

Clifton schools have a superior media program offering a variety of highly professional services to students and teachers. The program is supervised by a director, and it is operated by 11 professional librarians, clerks at the secondary schools, and a very efficient and dedicated group of parent volunteer aides. All buildings have media centers, equipped with print and nonprint materials and audio-visual equipment. The program is well supportive of instruction in the school district.

Clifton's Boards of Education have long been aware of the values of audiovisual instruction. A Department of Audiovisual Education was organized in 1946. In 1971 the Board renewed its commitment to this instructional method with a decision to establish a media center in each elementary school. At the same time, five classroom teachers with library backgrounds were assigned as media specialists to operate the media centers. Improvements were made periodically in the 1970's, and very adequate budgetary support has continued to the present. The current print collection approaches American Library Association standards, and in the case of three schools exceeds those standards. The nonprint materials collection is below ALA standards, but it has been steadily growing. Even with declining enrollments, increased costs will require spending at the current level in order to retain the present level of attainment.

Physical facilities of media centers are variable. While the Board of Education has supported the audiovisual movement for 25 years, it provided specific facilities in only two elementary school additions during this time. Eleven of the centers have been created out of empty classroom space or converted basement space. This means that, in some cases, listening, viewing, and individual study areas are limited. As classrooms become vacant, some of this space should be studied for use as media center expansion. One further lack in the elementary and junior high centers

is space for student and teacher production of media, previewing areas, and copying facilities. Specific needs for each facility will be included in a later section as part of the description of each building.

The district Audiovisual Center, established in 1946, was recently relocated in the basement of the Administration Building. It is a central service bureau housing materials such as motion picture films which are circulated throughout the district. With storage of films in a basement area, anticipated air conditioning is very desirable. Use of the computer in the audiovisual processing would also be helpful. Finally, the center processes supplies for audiovisual equipment. Care has been taken to standardize equipment so that quantity purchases and routine repairs keep maintenance costs to a minimum.

Co-Curricular Activities

Co-curricular activities in the school system, which are extensive in scope in grades seven through twelve, can be divided into athletic programs and nonathletic experiences.

At the elementary level co-curricular activities are limited and include primarily instrumental music and, in some schools, choirs.

Junior high schools offer both interscholastic and intramural athletics for boys and girls. Interscholastic competition is limited to grade nine. In addition, there are over 35 interest area clubs. Service organizations such as audiovisual aides, science service, and student council also operate.

Sixty-four athletic teams for boys and girls in twenty different sports represent Clifton High School at sophomore, junior varsity, and varsity levels. There are numerous nonathletic activities such as service organizations, language clubs, dramatics and art groups, science and mathematics activities, publications, and

music organizations and such diverse groups as Future Travelers, International Foods, Ski Club, and Great Books Seminar. There is opportunity for students with a new interest not met by a current organization to recruit a faculty member and organize a new club.

In addition to providing superior musical instruction, Clifton High School's musical organizations have given its students national and international experiences in parades, festivals, concerts, and patriotic celebrations.

Pupil Personnel Services

A Director of Pupil Personnel Services is responsible for providing services to assist each student in maximal learning. Functions of this department include assessing physical, social, psychological, and intellectual needs of individual students; providing counseling; arranging for adaption of programs and special placements to assist pupil learning. The district employs the following specialists to aid in its task: four social workers, four psychologists, four learning disability teacher-consultants, sixteen guidance counselors, nine speech correctionists, an attendance officer, an itinerant teacher for ten auditory handicapped pupils throughout the system, ten supplementary instructors, and three resource room teachers.

Table 15 on page 31 shows the location of special classes within the district. A previous section noted other opportunities open to pupils who have conditions which handicap their learning. Home instruction is provided to pupils confined to homes or hospitals by illness. An average of 35 pupils was served in this way during 1978-79.

Table 21 indicates programs provided pupils with handicaps.

Table 21
ENROLLMENTS OF HANDICAPPED PUPILS
Clifton, New Jersey
1978-79

Location	EMR	TMR	AH	Df.	Sp.	CH	VH	ED	OH	CI	NI	PI	Total
Preschool	1	0	1	0	0	4	0	0	0	0	0	0	6
Special Class	23	19	0	9	0	0	0	46	0	0	29	0	126
Resource Room	1	0	2	0	0	0	2	14	0	0	13	12	44
Speech Correction	0	0	0	0	556	32	0	0	0	0	0	0	588
Supplemental Instruction	1	0	2	0	0	1	0	59	1	1	11	57	133
Sent to Other Schools	16	1	1	2	0	2	0	26	1	0	11	6	66
State Schools	0	1	0	3	0	2	0	0	0	0	0	0	6
Private Schools	0	3	0	0	0	0	0	20	8	0	3	0	34
Home Instruction	0	0	0	0	0	0	0	9	0	26	0	0	35
Nonpublic Schools	0	0	0	0	27	0	0	0	0	0	0	17	44
Auditory Handicapped Itinerant Teacher	0	0	8	0	0	0	0	0	0	0	0	0	8
Totals	42	24	14	14	583	41	2	174	10	27	67	92	1,090

EMR = Educable Mentally Retarded; TMR = Trainable Mentally Retarded; AH = Auditory Handicapped; Df = Deaf; Sp = Speech; CH = Communication Handicapped; VH = Visually Handicapped; ED = Emotionally Disturbed; OH = Orthopedically Handicapped; CI = Chronically Ill; NI = Neurologically Impaired; PI = Perceptually Impaired.

Community Use of Schools

A major use of the schools by the community is in the area of adult education. The Clifton Adult Evening School, begun in the mid 1930's, offered mostly courses of a business nature. The complexion of the school changed in the mid forties, when it was better known as a veteran's school, since its main purpose was to prepare returning G.I.'s for high school completion and college preparation. The curriculum was so designed that a student could complete his high school requirements in four or five semesters. Clifton was one of the few schools in this area that offered such a comprehensive program.

By 1963 the time allowance for G. I.'s to complete the requirement for a high school diploma had expired, and the State Department was pressing for the High School Equivalency. Up to this point, the Clifton Adult School was in an

enviable position, since it was providing many of the courses students needed to enter area colleges such as Montclair State Teachers College, William Paterson, Seton Hall, Fairleigh Dickinson, Jersey City, and Newark College of Engineering. At one time, as many as 200 students were enrolled in this program. With less emphasis on college and the possibility of obtaining a quick diploma by means of G.E.D. testing, enrollment dropped necessitating another change in curriculum.

Today the Adult School is offering G.E.D., High School Equivalency preparation, a few courses for college preparation, business, adult interest courses, and English for the foreign born. Enrollment in the evening school has been between 1,100 and 1,200 students each semester, with the majority of the students enrolled in the adult interest courses. Except for the foreign born classes, the school is self-supporting with all expenses being met from fees collected from tuition.

At present, the demand is for classes on arts and crafts, vocations, and physical exercise such as tennis, golf, dancing, and slimnastics. Even though the classes are held in the Clifton High School which has numerous classrooms, the adult school is somewhat limited because of the lack of specialized rooms needed for arts and crafts and other areas.

In recent years, classes for the foreign born have been expanded from two to five to accommodate increased numbers. This program is mandated by the State Department through its satellite center at Jersey City.

One unique program sponsored by the Board of Education, but administered by the Adult School, is the afternoon program for senior citizens. Features of the program are:

1. It is free to senior citizens of Clifton.
2. Senior citizens for this purpose are classified as 55 years or older.

3. The programs are held during daylight hours, which is most desirable for senior citizens.

4. The programs are designed for the senior citizen and take into account that they learn at different rates and have different skills.

The Senior Citizen Program is held at the high school from 3:20 to 5 p.m. two days a week for 10 weeks each semester. Prior to class the members are served light refreshments. This is the fifth year of the program, and the enrollment has grown from 243 to over 825 seniors. The program has some limitations. Finding enough qualified instructors able to teach at these hours of the day poses some problems. Another is that the program cannot use all the facilities at the high school because it may interfere with day school or co-curricular activities. Declining enrollments may free additional facilities and allow for the establishment of satellites for more afternoon programs.

School facilities and properties are available for other community use as long as such use does not interfere with school-sponsored programs. Buildings are widely used. A Board policy and administrative regulations have been promulgated to manage this use.

Food Service

Hot lunches are available to pupils at all schools. The program follows the guidelines designated by the National School Lunch Program. The district receives federal-state subsidies on Type A meals and milk served.

All 13 elementary schools have lunchrooms. Meals are prepared at the high school, and then are transported daily to each building. The junior high schools have their lunches prepared on site. Examination of the menus shows differentiation of elementary and secondary consistent with food preferences and many special items available at the high school to encourage participation in the program.

Prices for all items are very reasonable, and the program is completely self-supporting. Average daily lunch counts for state-approved Type A lunches are as follows: Christopher Columbus Junior High - 382; Woodrow Wilson Junior High - 330; Clifton High School - 1,094; and elementary schools - 1,119.

Pupil Transportation

The Board of Education transported 1,320 regular or special education pupils to public schools within the district in 1978-79. This is a decline of 45 from the previous year. A total of 404 resident pupils were transported to nonpublic schools or parents were reinbursed $250, as required by the State. Additionally, handicapped pupils are transported to a number of schools offering special programs not available within the school district.

The district owns four school buses and six vans. These are used to transport pupils to schools and for special purposes such as athletic trips, field or band trips, swimming lessons.

VII

EXISTING FACILITIES

The City of Clifton has 16 public school buildings with grades organized on a K-6, 7-9, 10-12 basis. Other physical facilities owned by the district include an administration building and an athletic stadium. Rosemawr Park, owned by the Board, has been available for school play use and a site for possible school expansion. The decision not to build an elementary and junior high school at that site was wise, as these facilities are not needed. The 10-year enrollment history of the City's schools confirms that Boards and Administration neither overbuilt nor underbuilt school buildings in conjunction with its K-6, 7-9, 10-12 organization.

Brief comments on each building, as well as site and floor plans, follow. Tables giving the results of building evaluations according to educational function and physical condition are included in the Appendix. Also in the Appendix are tables giving the building capacities. The site and floor plans used were taken from Facilities Survey of New Jersey's Public Schools.* Consultants have revised them where necessary to reflect current use of space.

Table 22 presents selected facts about the buildings.

It should be noted that room numbers mentioned in the comments on the schools refer to the numbers on the plans, not to the actual numbers of the rooms.

* Uniplan, Princeton, New Jersey; January, 1979; for the New Jersey State Department of Education.

Table 22
SELECTED CHARACTERISTICS OF SCHOOLS
Clifton, New Jersey
1978-79

School	Site Size (acres)	Date of Original Construction	Enrollment 9/30/78	Capacity	Evaluation	
					Educational	Physical
1	3.00	1930	276	326	502	724
2	6.70	1948	405	434	588	804
3	4.13	1931	261	316	502	632
4	3.00	1929	151	192	420	678
5	1.86	1913	413	415	528	781
8	4.00	1926	240	340	428	712
9	2.00	1924	360	419	545	747
11	2.50	1905	373	339	533	724
12	4.00	1910	455	496	533	735
13	3.00	1928	339	334	503	655
14	8.00	1953	220	274	577	804
15	2.00	1921	322	305	443	804
16	7.00	1957	202	295	593	804
Columbus	18.00	1929	1,381	1,180	695	724
Wilson	11.00	1955	973	930	798	896
Clifton High	23.69	1962	2,451	2,538	820	885

General Considerations

Many school sites are small in size, as is generally true in heavily populated cities. This is not a serious concern due to two important factors: (1) most buildings with the most restrictive grounds have small enrollments; and (2) through the foresight of the administration, a number of schools have been located contiguous to or very close to parks.

Some kindergarten rooms could be located in larger spaces. As enrollment decreases administration has made this change. Also, the feasibility of increasing the size of libraries has been a goal of administration. Larger libraries have been included in the new buildings, and combinations of rooms and other adjacent spaces

have been developed to provide these important facilities in every school. The Board and administration are commended for provision of media services throughout the school system.

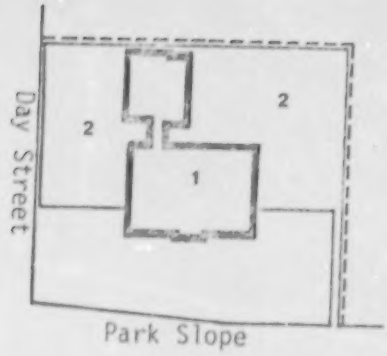
The Board and administration are also to be commended for the yearly building improvement and maintenance programs. It is a difficult and expensive task to bring many buildings up to modern standards, and the Board and administration have been doing this through judicious use of surplus funds accumulated through economical spending of annual budgets.

School No. 1

Site Size:	3 acres
Dates of Construction and Addition:	1930, 1967
Grades Housed:	K-6
Enrollment 1978-79:	276
Capacity:	326
Educational Evaluation:	502
Physical Evaluation:	724

School No. 1 is a two-story building. The site is small, and outdoor play area is insufficient, though a nearby park is available for use. The school has 12 classrooms in use for grades one through six and a kindergarten. The multipurpose room is a fairly good size, and there is a separate cafeteria. Small group instructional spaces, converted from regular classrooms, are satisfactory. The library is smaller than desirable; and as enrollments decline, it should be expanded, possibly into the adjoining room. Compensatory education could then be moved elsewhere. Provision should be made for additional instructional storage.

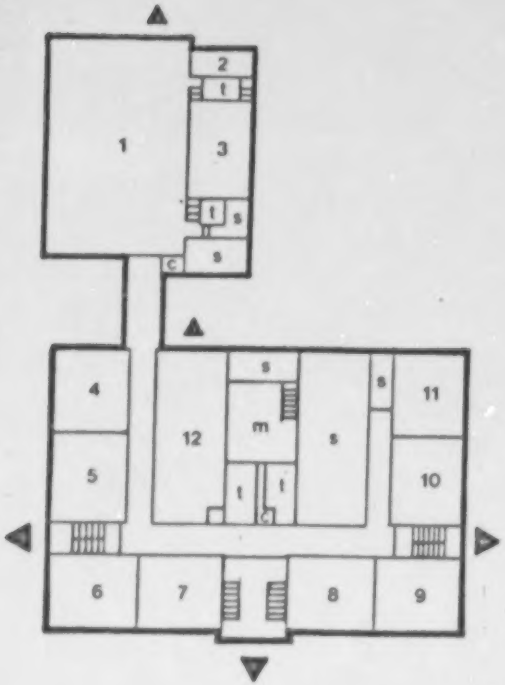
Some attention needs to be paid to physical needs. The roof shows signs of leakage. Door hardware may need to be replaced.



SITE PLAN

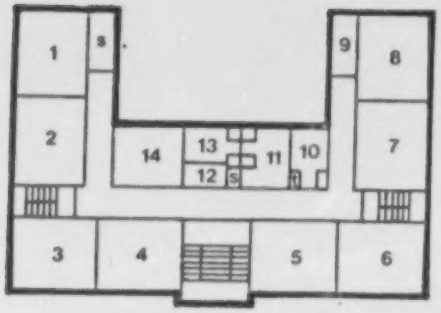
1. Public School Number 1 building
2. play area

PUBLIC SCHOOL NUMBER 1 080
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



GROUND FLOOR

no.	area	function
1	3310	multipurpose play/ assembly
2	160	kitchen
3	650	stage
4	700	classroom
5	750	classroom
6	750	classroom
7	750	classroom
8	750	classroom
9	750	classroom
10	750	kindergarten
11	700	classroom
12	1500	cafeteria



FIRST FLOOR

no.	area	function
1	700	small group/work room
2	750	i.m.c.
3	750	classroom
4	750	classroom
5	750	classroom
6	750	classroom
7	750	classroom
8	700	classroom
9	160	small group
10	220	nurse
11	260	teachers' room
12	110	general office
13	160	principal's office
14	500	small group/conference

School No. 2

Site Size:	6.7 acres
Dates of Construction and Additions:	1948, 1952, 1958
Grades Housed:	K-6
Enrollment 1978-79:	405
Capacity:	434
Educational Evaluation:	588
Physical Evaluation:	804

School No. 2 is a two-story building with partial basement. The building contains 16 classrooms, kindergarten, separate cafeteria and multipurpose room, instrumental music room, and small group spaces which were formerly classrooms. The multipurpose room is an excellent size.

The clinic is a small space located to the rear of the multipurpose room. Plans should be made to locate the clinic in the general area of the school office and health instruction room on the first floor, as space becomes available.

The library contains two classrooms and an enclosed workroom. It is a better size than some of the other libraries.

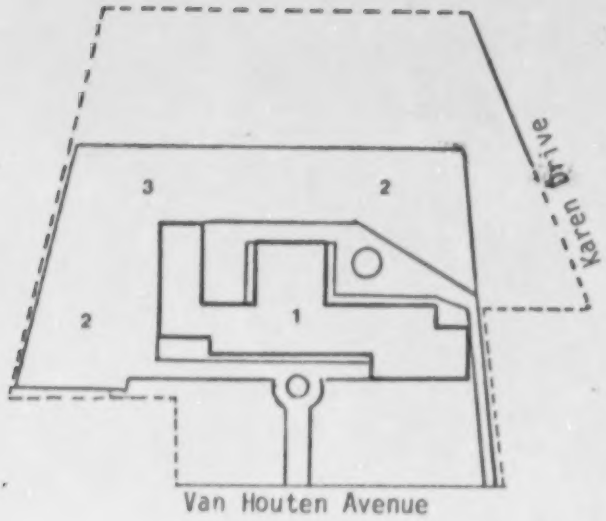
The building contains a two-room district professional library. It is also used for staff meetings and inservice programs.

The site is small for a school of this size, but both hardtop and grass play space has been provided. A park is located three blocks away.

As space becomes available, it would be desirable to move the pupil dining area out of the basement.

Exterior doors are being replaced as in other schools. Exterior brick work at the windows should be examined. Some flooring needs to be replaced.

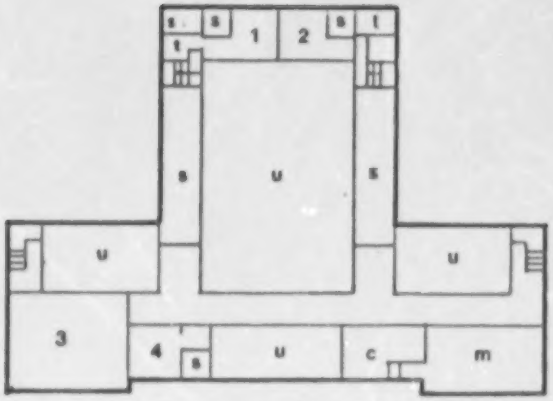
PUBLIC SCHOOL NUMBER 2 090
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SITE PLAN

1. Number 2 school building
2. parking
3. play area

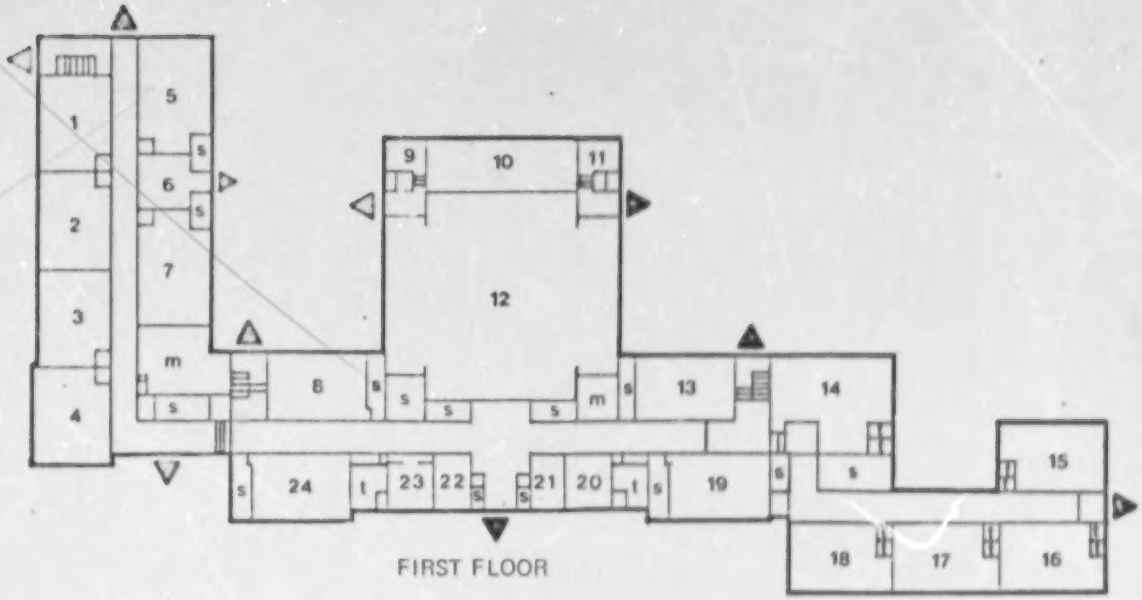
PUBLIC SCHOOL NUMBER 2 090
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



BASEMENT

no.	area	function
1	340	~~locker-room~~ toilet room/dressing
2	340	~~locker-room~~ toilet room/dressing
3	1280	cafeteria
4	305	kitchen

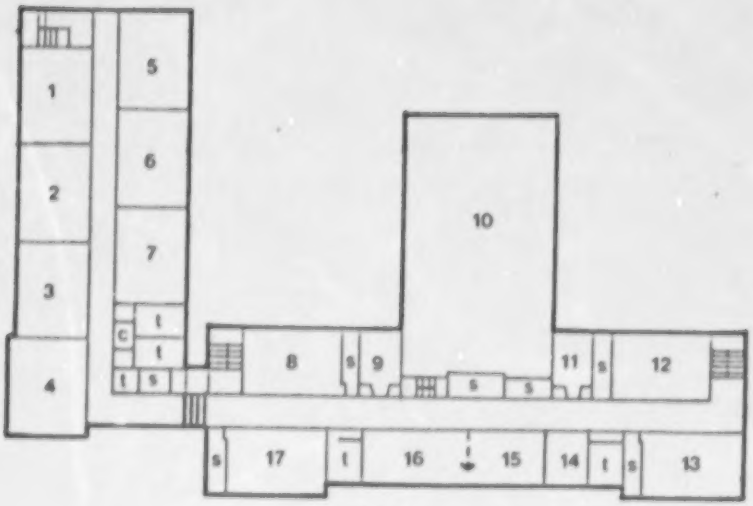
PUBLIC SCHOOL NUMBER 2 090
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FIRST FLOOR

no.	area	function	no.	area	function
1	770	~~small group~~ music	13	725	classroom
2	770	~~classroom~~ small group	14	1090	kindergarten
3	770	classroom	15	705	music
4	830	classroom	16	705	small group
5	770	i m c	17	705	classroom
6	325	work room	18	705	classroom
7	770	i m c	19	725	classroom
8	725	classroom	20	270	teachers' room
9	120	office	21	185	teachers' room
10	920	stage	22	235	general office
11	120	nurse	23	270	principal's office
12	4960	multi-purpose assembly/gymnasium	24	725	classroom

PUBLIC SCHOOL NUMBER 2 090
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SECOND FLOOR

no.	area	function
1	770	classroom
2	770	~~small group~~classroom
3	770	~~classroom~~ science
4	830	classroom
5	770	~~classroom~~
6	770	small group
7	770	classroom
8	725	classroom
9	250	small group
10		upper auditorium/gymnasium
11	250	office
12	725	classroom
13	725	classroom
14	240	office
15	425	i m c
16	940	i m c
17	725	classroom

School No. 3

Site Size:	4.13 acres
Date of Construction:	1931
Grades Housed:	K-6
Enrollment 1978-79:	261
Capacity:	316
Educational Evaluation:	502
Physical Evaluation:	632

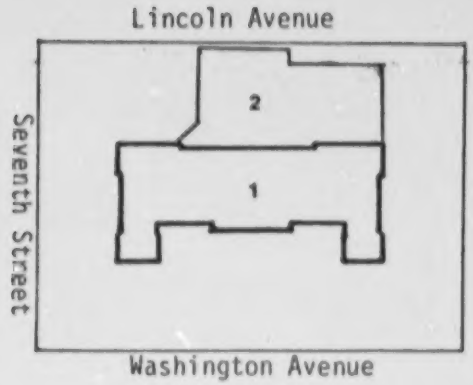
School No. 3 is a two-story, colonial-style building. The site is small, but outdoor physical education facilities are acceptable for the small enrollment, especially with use of the adjacent Washington Park.

The building contains 12 classrooms, kindergarten, separate gymnasium and auditorium, and a classroom for small groups. Dining is in the gymnasium. This is a good-sized space.

The library has been adapted from space which was formerly a locker-shower room. Administration has recommended conversion of the shower stalls to library carrels. The present kindergarten/compensatory education spaces could be seriously considered as a future library.

Music classes are taught in the auditorium.

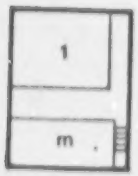
PUBLIC SCHOOL NUMBER 3 100
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



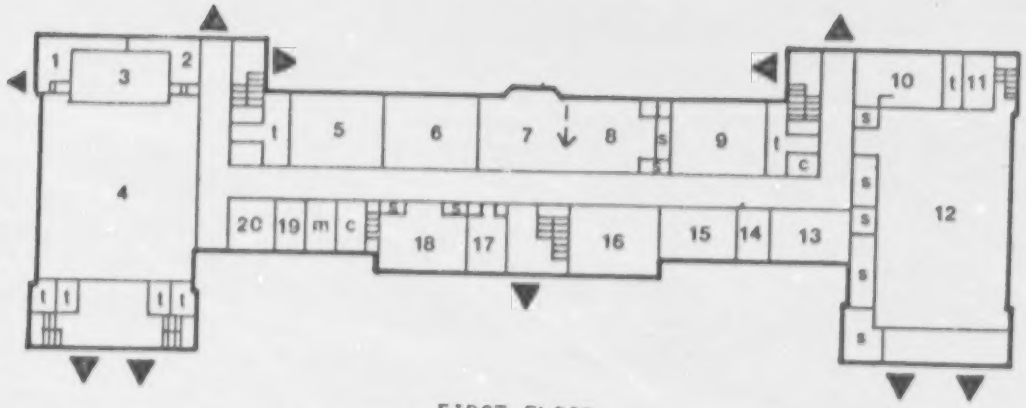
SITE PLAN

1. Public School Number 3 building
2. play area

PUBLIC SCHOOL NUMBER 3 100
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



BASEMENT

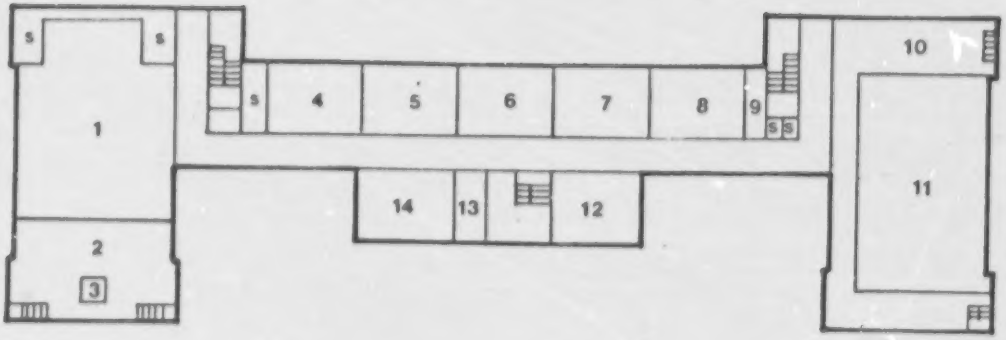


FIRST FLOOR

no.	area	function
1	800	civil defense.

no.	area	function
1	175	~~small group~~ music
2	175	special education
3	1100	stage
4	3180	auditorium
5	720	classroom
6	720	classroom
7	720	kindergarten
8	720	classroom
9	720	classroom
10	550	~~dressing room~~ library
11	190	office
12	3740	gymnasium
13	440	~~i.m.c.~~ vacant
14	200	small group
15	440	teachers' room
16	720	classroom
17	285	nurse
18	500	~~general office~~ classroom
19	180	principal's office
20	270	general office

PUBLIC SCHOOL NUMBER 3 100
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SECOND FLOOR

no.	area	function
1		upper auditorium
2	1875	balcony
3	75	projection room
4	740	classroom
5	740	classroom
6	740	classroom
7	740	classroom
8	740	classroom
9	175	small group
10	2720	balcony
11		upper gymnasium
12	740	classroom
13	225	~~small group~~ supply room
14	740	classroom

School No. 4

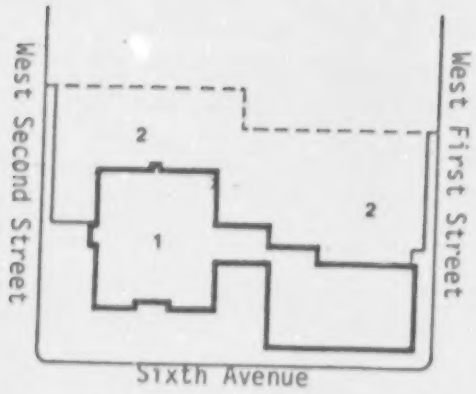
Site Size:	3 acres
Dates of Construction and Addition:	1929, 1959
Grades Housed:	K-6
Enrollment 1978-79:	151
Capacity:	192
Educational Evaluation:	420
Physical Evaluation:	678

School No. 4 is a small building with a very limited enrollment. There are six classrooms with generally low pupil ratios, a good-sized kindergarten, multipurpose play/cafeteria space in the basement, small administrative offices, a clinic also used for compensatory education, one room for music and small group instruction, and a library.

Outdoor play space is adequate for the small enrollment. The west retaining wall should be scheduled for repair. Parking is on the street.

Water damage has been a repeated problem in the building, and the Board has had yearly maintenance on this. A continual problem exists in the newer wing, with bricks on exterior walls of the kindergarten, library, and gymnasium showing phosphorescence.

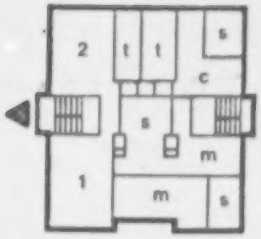
PUBLIC SCHOOL NUMBER 4 110
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SITE PLAN

1. Public School Number 4 building
2. parking

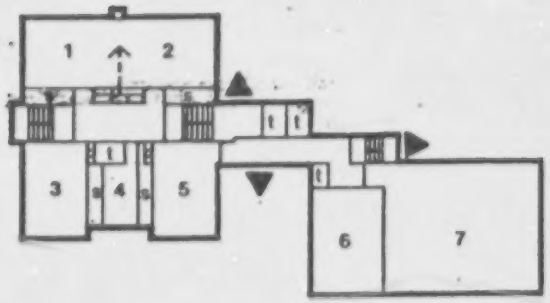
PUBLIC SCHOOL NUMBER 4 110
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



BASEMENT PLAN

no.	area	function
1	650	~~multi-purpose-play/dining~~ cafeteria
2	590	~~multi-purpose-play/dining~~ cafeteria

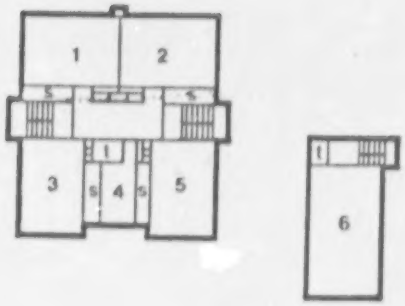
PUBLIC SCHOOL NUMBER 4 110
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FIRST FLOOR PLAN

no.	area	function
1	735	classroom
2	735	classroom
3	735	~~classroom~~ small group
4	250	principal's office/ general office
5	735	classroom
6	875	kindergarten
7	2280	gymnasium/assembly

PUBLIC SCHOOL NUMBER 4 110
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SECOND FLOOR PLAN

no.	area	function
1	735	classroom
2	735	~~classroom~~/music/small group
3	735	classroom
4	250	teachers' room
5	735	classroom
6	1150	i.m.c.

School No. 5

Site Size:	1.86 acres
Dates of Construction and Additions:	1913, 1929, 1951, 1964
Grades Housed:	K-6
Enrollment 1978-79:	413
Capacity:	415
Educational Evaluation:	528
Physical Evaluation:	781

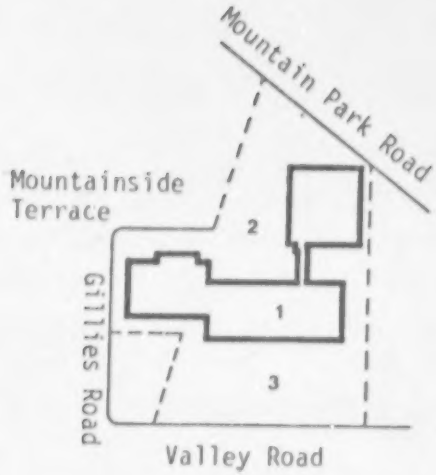
School No. 5 is an old building of two floors and basement which has had three additions. It contains 17 classrooms, a large kindergarten room, gymnasium-auditorium of excellent size, pupil dining spaces, music room, art room with a sink. Since administrative offices are small and are removed by two floors from the health clinic in the basement, vacant space could be used to bring these functions together on the first floor toward the center of the building and to provide more administrative space. Several former classrooms are used for small group instruction.

With vacant space in the building for 1979, the administration plans to move the library to a larger space.

Since outdoor play space is limited to a small hardtop area, any future opportunity to add to the site should be used.

Heating is reported to be uneven, as would be expected in a building containing so many additions at various levels. Plans are in process to improve illumination by lowering ceilings and installing new lighting fixtures.

PUBLIC SCHOOL NUMBER 5 120
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

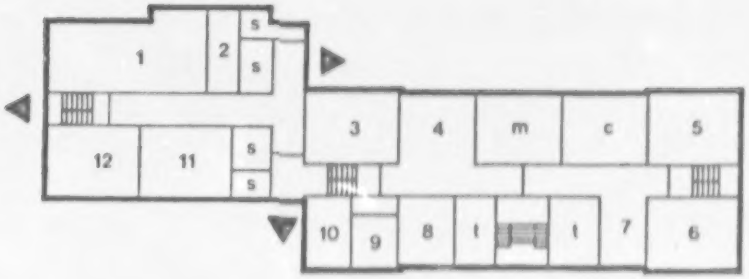


SITE PLAN

1. Public School Number 5 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 5 120
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

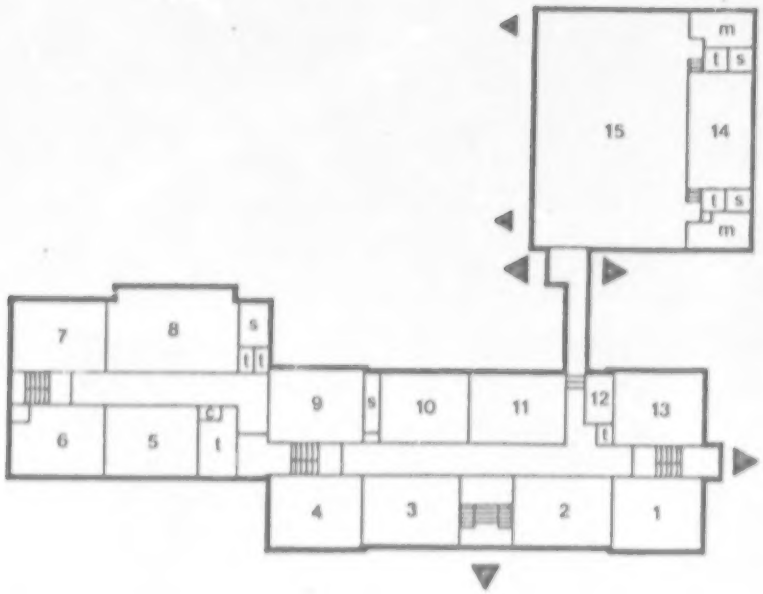
function
cafeteria
kitchen
cafeteria
cafeteria
i.m.c.
music
cafeteria
nurse
small group
small group
classroom
classroom



BASEMENT

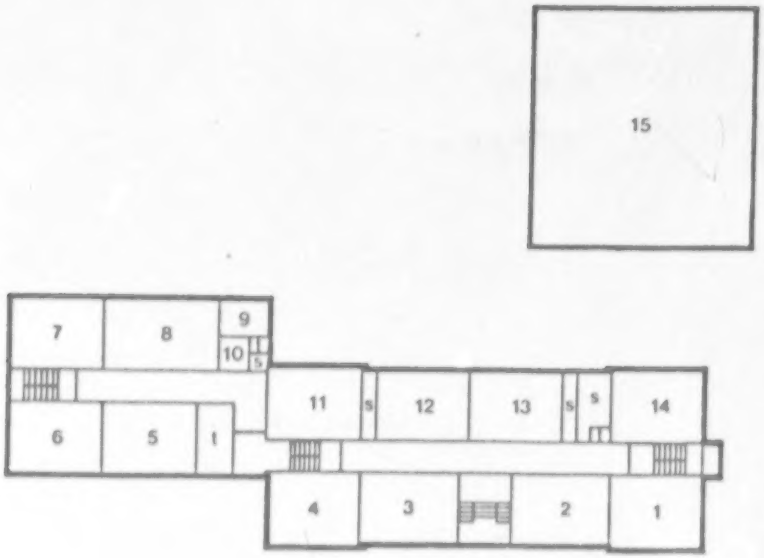
PUBLIC SCHOOL NUMBER 5 120
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

function
classroom
classroom
classroom
classroom
art
cafeteria/art
classroom
kindergarten
classroom
classroom
cafeteria/audio visual
equipment room
teachers' room/
~~small group~~
classroom – vacant
stage
multipurpose play/
assembly



FIRST FLOOR

PUBLIC SCHOOL NUMBER 5 120
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



function
classroom
classroom
classroom
classroom
classroom
classroom
classroom
classroom
principal's office
general office
classroom
classroom
classroom
teachers' room
upper multipurpose play/ assembly

SECOND FLOOR

School No. 8

Site Size:	4 acres
Dates of Construction and Addition:	1926, 1964
Grades Housed:	K-6
Enrollment 1978-79:	240
Capacity:	340
Educational Evaluation:	428
Physical Evaluation:	712

School No. 8 has two floors. It contains 12 classrooms, kindergarten room of excellent size, large multipurpose room, a small library, and various small group rooms. Classrooms 1, 2, and 3 on the second floor have movable partitions separating them.

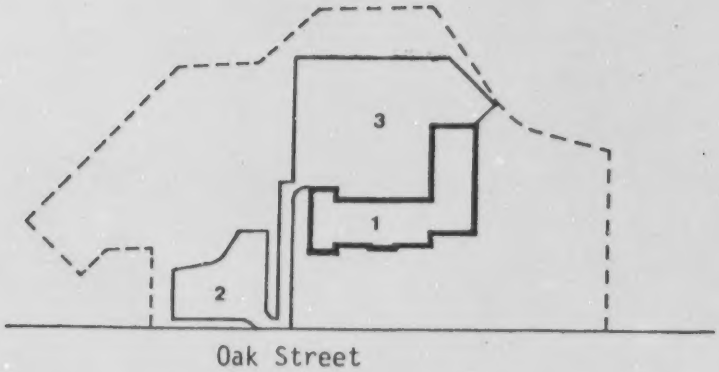
The multipurpose room is used for play, assembly, and pupil dining. The clinic has two connecting rooms, one of which can be used for privacy or examination.

In 1979-80, the library could be moved to two of the rooms on the second floor that are separated by a movable partition, since space is now available.

A small park area of approximately the size of the school property adds to a functional use of the grounds.

Heating problems were corrected during this past winter, although a separate thermostatic control in the multipurpose room would improve heating there. This room is quite flexible, despite its triple use, as it has dining tables and benches stored in the walls and assembly seating stored under a permanent stage.

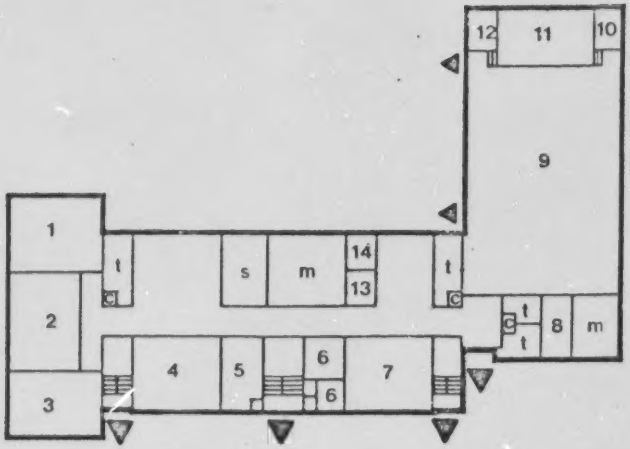
PUBLIC SCHOOL NUMBER 8 140
DISTRICT OF CLIFTON 090J
PASSAIC COUNTY 31
SCHOOL CODE I2



SITE PLAN

1. Public School Number 8 building
2. parking
3. play area

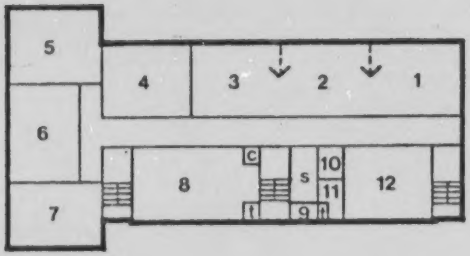
PUBLIC SCHOOL NUMBER 8 140
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FIRST FLOOR PLAN

no.	area	function
1	750	classroom
2	840	classroom
3	750	classroom
4	750	classroom
5	350	~~office~~ custodian
6	350	~~nurse~~ office
7	750	i.m.c.
8	200	~~kitchen~~ small group
9	4110	~~multipurpose~~ cafeteria/ gymnasium/assembly
10	130	dressing room
11	650	stage
12	130	dressing room
13	120	~~office~~ small group
14	120	~~principal's~~ office, nurse

PUBLIC SCHOOL NUMBER 8 140
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SECOND FLOOR PLAN

no.	area	function
1	750	classroom
2	750	classroom
3	750	classroom
4	750	classroom
5	750	classroom
6	840	classroom
7	750	classroom
8	1050	kindergarten
9	80	small group
10	100	teachers' room
11	130	teachers' room
12	750	classroom

School No. 9

Site Size:	2 acres
Dates of Construction and Additions:	1924, 1942, 1951
Grades Housed:	K-6
Enrollment 19[illegible]-79:	360
Capacity:	419
Educational Evaluation:	545
Physical Evaluation:	747

School No. 9 has two floors and partial basement. The building contains 14 classrooms, 2 kindergartens, a large pupil dining space in the basement and a large cafeteria on the second floor, multipurpose room for play and assembly, small library, music room, and a large classroom for small group work.

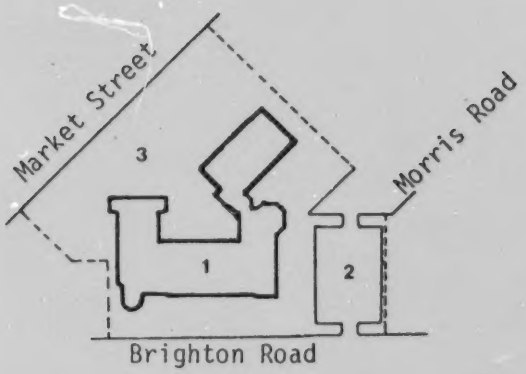
The library is somewhat crowded, but administration is considering other areas of the school as possible rooms for its relocation. With reduction of one class planned for 1979-80, rooms 14 and 15, which have a dividing partition, would furnish excellent space for a library.

The administrative offices should be expanded into the present library space, and the clinic could be established as part of this unit. The spaces freed by such a move could be used for small group and conference areas.

The site is small for the pupil enrollment, but Chelsea Park is less than a block away. The possibility of some traffic control might be investigated so that it could be used for outdoor physical education.

The Board has had a continuing problem with roof leaks and resultant damage to ceilings and walls. Most rooms have had the wood floors replaced with tile. Lighting and provision of more electric outlets in classrooms needs to be completed as was scheduled in other buildings.

PUBLIC SCHOOL NUMBER 9 150
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

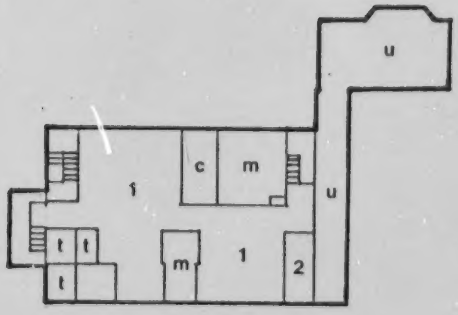


SITE PLAN

1. Public School Number 9 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 9 150
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

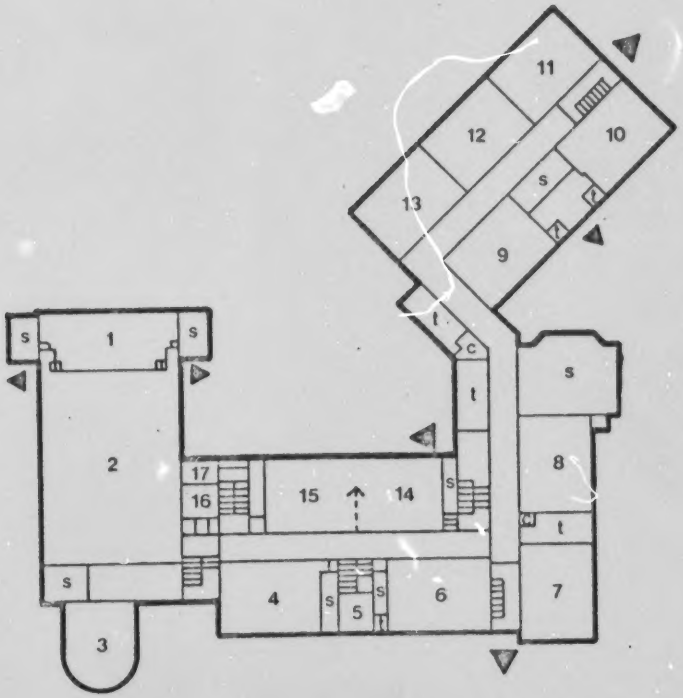
no.	area	function
1	2770	cafeteria
2	230	kitchen



BASEMENT

PUBLIC SCHOOL NUMBER 9 150
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

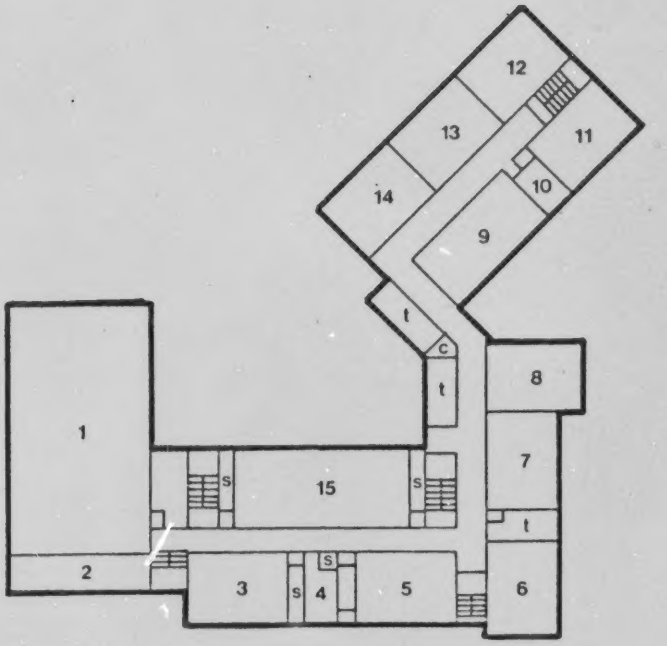
area	function
760	stage
3100	gymnasium
650	i.m.c.
815	classroom
170	nurse
840	classroom
770	classroom
770	classroom
690	kindergarten
735	kindergarten
735	classroom
735	classroom
735	classroom
725	classroom
725	classroom
120	general office
80	principal's office



FIRST FLOOR

PUBLIC SCHOOL NUMBER 9 150
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

area	function
	upper gymnasium
565	balcony
815	classroom
200	teachers' room
840	music
770	classroom
770	classroom
705	~~audio-visual equipment room~~ small group
965	~~art~~ classroom
180	teachers' room
735	classroom
735	classroom
735	classroom
735	classroom
450	cafeteria



SECOND FLOOR

School No. 11

Site Size:	2.5 acres
Dates of Construction and Additions:	1905, 1926, 1959
Grades Housed:	K-6, Special Education
Enrollment 1978-79:	373
Capacity:	339
Educational Evaluation:	533
Physical Evaluation:	724

School No. 11 is a two-story building with basement. It contains 12 classrooms, a good-sized kindergarten, large playrooms, two dining spaces, and a small library. The latter has study carrels.

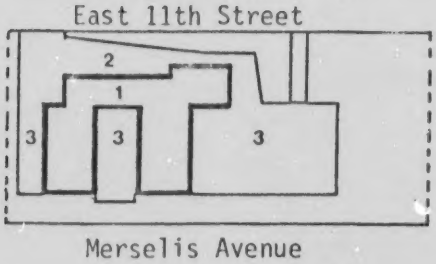
As space becomes available, it is recommended that as many functions as possible be removed from the basement. For example, in 1979-80 the library could be moved into rooms 16-17 or 12-13. A full classroom space could be devoted to teachers' room—dining and work space. Classroom 1 could be used for small group work or art. Consideration should also be given to installing more pupil toilet facilities on the first and second floors.

A useful contiguous grassy plot has recently been added to the original site. If the situation presents itself, more land could be obtained in the future.

More space should be devoted to administrative offices and the clinic in the same general locality. A classroom could be subdivided for general and principal's offices as well as a clinic. If two special education classes are moved, as is planned, space would be readily available for this purpose.

The building needs some rehabilitation. Wood floors should be replaced with tile, heat detectors should be installed in the cafeteria, roof and exterior walls need to be examined for possible repair work.

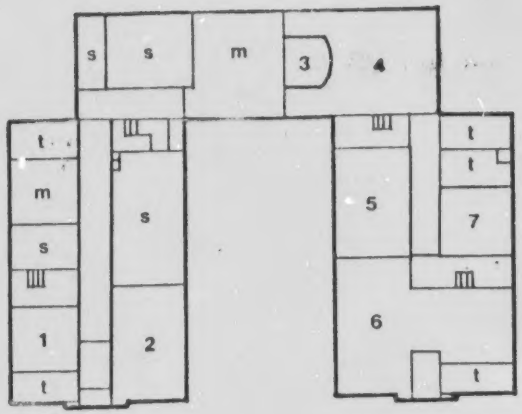
PUBLIC SCHOOL NUMBER 11 160
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



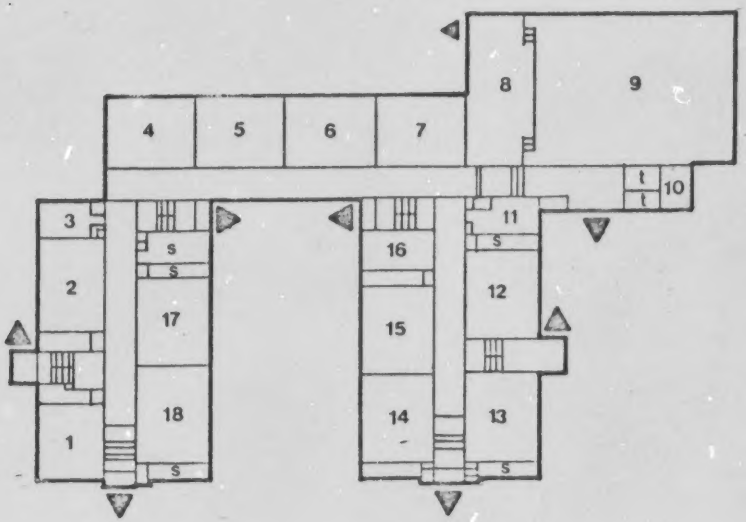
SITE PLAN

1. Public School Number 11 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 11 160
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



BASEMENT PLAN



FIRST FLOOR PLAN

PUBLIC SCHOOL NUMBER II	160
DISTRICT OF CLIFTON	0900
PASSAIC COUNTY	31
SCHOOL CODE	12

BASEMENT PLAN

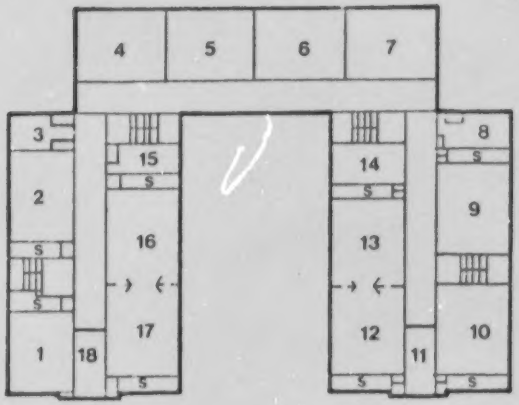
no.	area	function
1	490	playroom
2	910	cafeteria
3	225	stage
4	~~1615~~	cafeteria
5	950	i.m.c.
6	1930	playroom
7	400	~~small group~~ storage

FIRST FLOOR PLAN

no.	area	function
1	525	~~classroom~~ special education
2	660	~~music~~ special education
3	265	teachers' room
4	690	~~classroom~~ music
5	690	classroom
6	690	classroom
7	690	~~classroom~~ small group
8	1100	stage
9	3350	multipurpose-assembly/play
10	140	kitchen
11	240	general office/principal's office
12	690	classroom
13	690	classroom
14	690	~~classroom~~ } 1 kindergarten
15	690	kindergarten }
16	260	~~small group~~ book room, office
17	690	~~classroom~~ small group
18	690	~~classroom~~ special education

PUBLIC SCHOOL NUMBER 11 160
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

no.	area	function
1	525	~~classroom~~ special education
2	660	classroom
3	180	nurse
4	690	classroom
5	690	classroom
6	690	~~classroom~~ small group
7	690	~~classroom~~ small group
8	240	teachers' room
9	690	classroom
10	690	classroom
11	230	small group
12	690	classroom
13	690	classroom
14	260	~~small group~~ storage
15	200	small group
16	690	classroom
17	690	~~classroom~~ home economics/special ed.
18	230	small group



SECOND FLOOR PLAN

School No. 12

Site Size:	4 acres
Dates of Construction and Addition:	1910, 1959
Grades Housed:	K-6
Enrollment 1978-79:	455
Capacity:	496
Educational Evaluation:	533
Physical Evaluation:	735

School No. 12 is a three-story building with partial basement. It contains 18 classrooms, a kindergarten, multipurpose room for play and assembly, very adequate administrative quarters, many large group spaces, a well-located and adequately-sized clinic, and a small library. The latter space could be doubled, as already suggested by administration, by opening up a temporary partition between rooms 8 and 9 on the second floor. This is possible because of an anticipated vacant room next year.

Instrumental music is taught in basement dining space. With further decline of pupil enrollment staff dining and work space needs should be attended to.

There are some physical needs in the building. Attention should be given to modernizing pupil toilet rooms. Also, other than toilets in the gymnasium on the first floor, all pupil toilet rooms are located on the second and third floors. This is a great inconvenience to the large pupil population which remains for lunch.

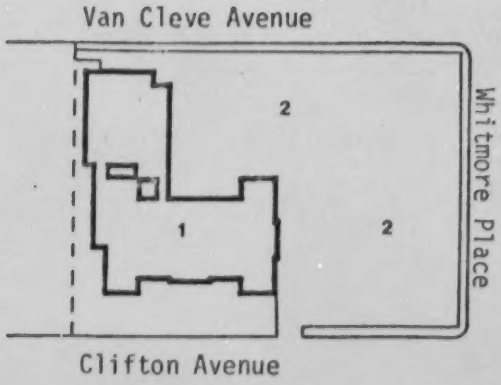
In addition, completion of cosmetic improvements in the dining area would be desirable, including finishing ceilings, enclosing pipes, painting, and provision of more sound absorption.

In the corridor near the clinic on the first floor, reaching from the basement to the second floor is a chute which was formerly used as a garbage disposal. This should be examined for possible conversion to custodial closets on each floor.

Pipes in corridors should be covered, floors should be tiled, ceilings dropped, and lighting improved.

The outdoor play area is small and covered with hardtop. The area is heavily populated, and there seems to be little chance to expand the site, though this should be kept in mind for the future. There is no onsite parking.

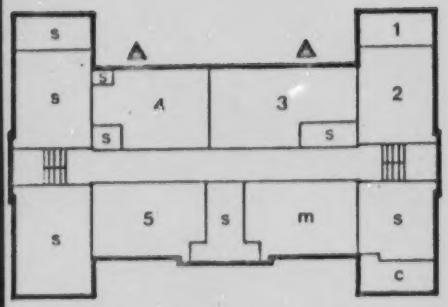
PUBLIC SCHOOL NUMBER 12 170
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



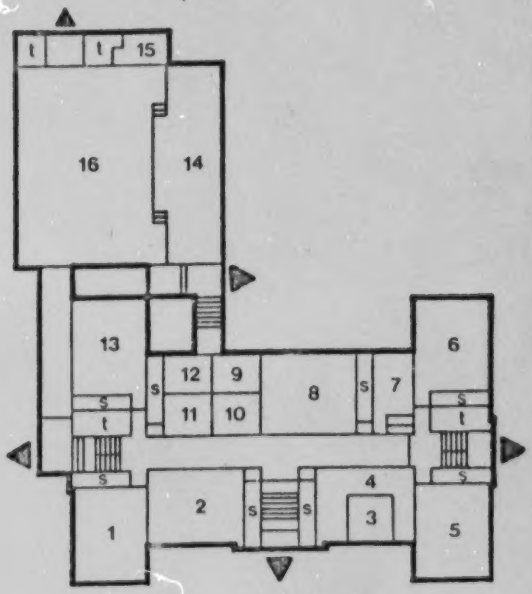
SITE PLAN

1. Public School Number 12 building
2. play area

PUBLIC SCHOOL NUMBER 12 170
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



BASEMENT



FIRST FLOOR

PUBLIC SCHOOL NUMBER 12 170
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

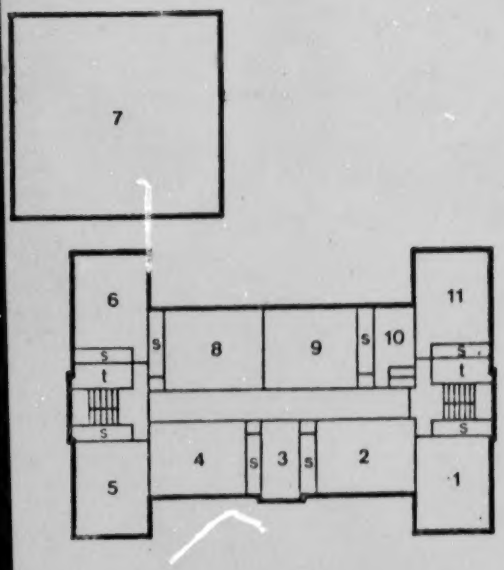
BASEMENT

no.	area	function
1	240	~~small group~~
2	825	cafeteria
3	1250	cafeteria
4	1250	cafeteria
5	1000	cafeteria

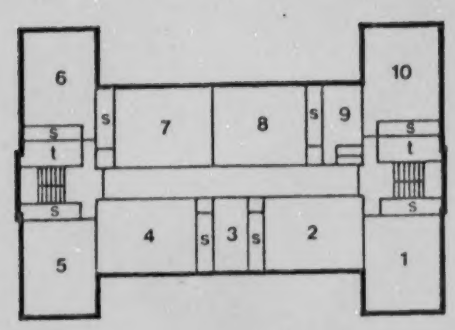
FIRST FLOOR

no.	area	function
1	825	classroom
2	825	classroom
3	225	principal's office
4	600	general office
5	825	classroom
6	750	~~kindergarten~~ vacant
7	260	nurse & small group
8	890	kindergarten
9	220	small group
10	220	small group
11	220	small group
12	220	small group
13	825	classroom
14	1225	stage
15	180	kitchen
16	3400	multipurpose play/assembly

PUBLIC SCHOOL NUMBER 12 17
DISTRICT OF CLIFTON 090
PASSAIC COUNTY 3
SCHOOL CODE 1



SECOND FLOOR



THIRD FLOOR

PUBLIC SCHOOL NUMBER 12 170
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

SECOND FLOOR

no.	area	function
1	825	classroom
2	825	classroom
3	310	small group
4	825	classroom
5	825	classroom
6	750	classroom
7		upper multipurpose
8	890	~~classroom~~ library
9	890	classroom
10	295	teachers' room
11	750	classroom

THIRD FLOOR

no.	area	function
1	825	classroom
2	825	classroom
3	310	small group
4	825	~~classroom~~ small group
5	825	classroom
6	750	classroom
7	890	classroom
8	890	classroom
9	295	teachers' room
10	750	classroom

School No. 13

Site Size:	3 acres
Dates of Construction and Addition:	1928, 1969
Grades Housed:	K-6, Special Education
Enrollment 1978-79:	339
Capacity:	334
Educational Evaluation:	503
Physical Evaluation:	655

School No. 13 is an older, two-story building, to which was added a multipurpose room about 10 years ago. This building has 11 classrooms, 7 classrooms and a resource room for special education students, a kindergarten, extra classroom dining areas, and two multipurpose rooms. There are also a number of small group instructional rooms as well as classrooms used for this purpose.

A small administrative suite is located on the second floor, while the clinic is on the first floor. These units could be brought together and located in larger quarters, in room 14, for example.

Instrumental music instruction takes place in dining facilities.

The library should be expanded, as recommended by administration, by opening up a wall to an adjacent classroom and installing a doorway.

Attention could be given to improving corridor lighting and electrical systems.

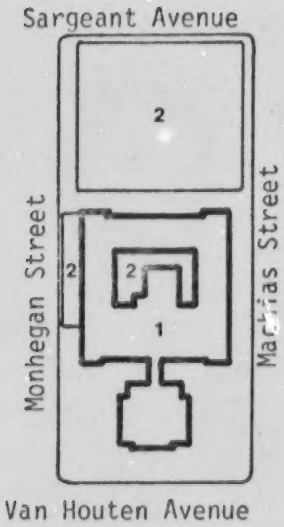
The site is small, and outdoor play space is limited. The Richardson Oval playground is just half a block away, and permission might be gained for its use by older students.

A small low-ceilinged multipurpose room on the first floor is used for primary grade physical education and some dramatics programs. Rooms 4, 5, and 12 are used for pupil dining as well as for other purposes part time. The new gymnasium, of excellent size, has a portable stage.

Child study team offices are located in this building.

It was reported that the Board has put out to bid work on repairing roof leaks. The exterior walls should also be examined.

PUBLIC SCHOOL NUMBER 13 180
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

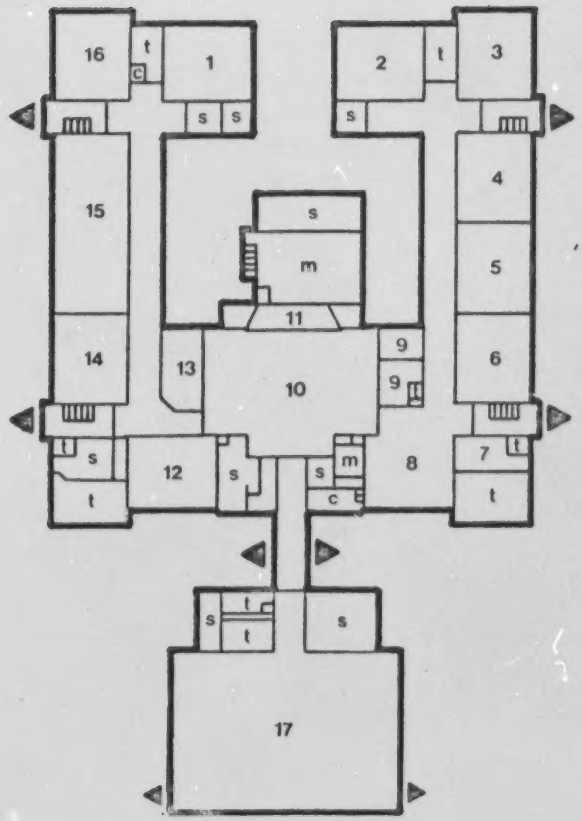


SITE PLAN

1. Public School Number 13 building
2. play area

PUBLIC SCHOOL NUMBER 13 180
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

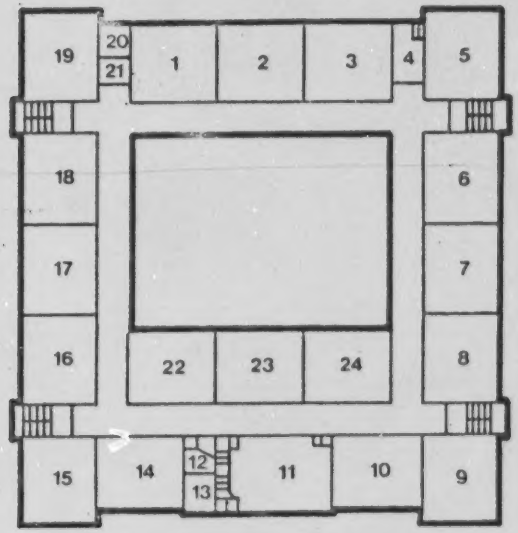
no.	area	function
1	710	special education
2	710	special education
3	710	special education
4	710	special education
5	710	~~classroom~~ small group
6	710	~~classroom~~ small group
7	230	small group
8	1215	cafeteria
9	390	nurse
10	2290	multipurpose room
11	210	stage
12	750	cafeteria/music
13	350	kitchen
14	710	special education
15	1420	~~classroom~~ supplies
16	710	special education
17	4080	multipurpose play/assembly



FIRST FLOOR

PUBLIC SCHOOL NUMBER 13 180
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

no.	area	function
1	710	~~classroom~~ teachers
2	710	classroom
3	710	~~classroom~~
4	190	teachers' room
5	710	classroom
6	710	classroom
7	710	classroom
8	710	classroom
9	710	classroom
10	710	~~classroom~~ child study offices
11	815	kindergarten
12	100	general office
13	120	principal's office
14	710	classroom
15	710	classroom
16	710	classroom
17	710	classroom
18	710	~~classroom~~ rescource room
19	710	classroom
20	110	small group
21	80	small group
22	710	i.m.c.
23	710	~~work room/small group~~ vacant, book rm.
24	710	special education



SECOND FLOOR

School No. 14

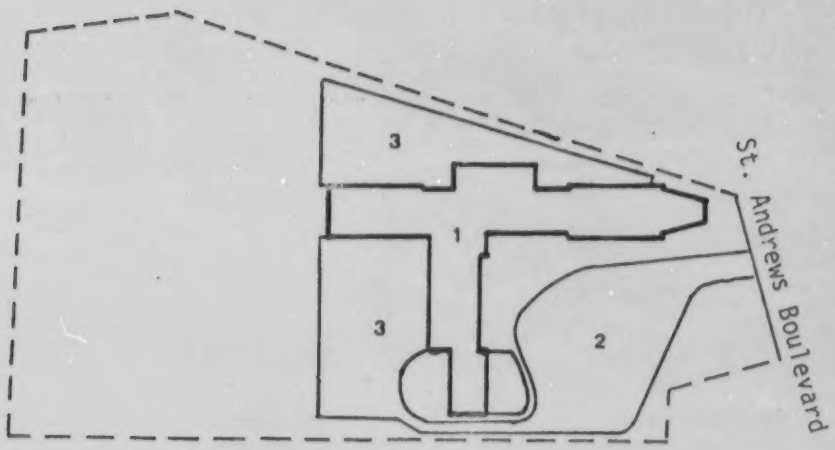
Site Size:	8 acres
Date of Construction:	1953
Grades Housed:	K-6, Special Education
Enrollment 1978-79:	220
Capacity:	274
Educational Evaluation:	577
Physical Evaluation:	804

School No. 14 is a well maintained, single-story structure. The outdoor play area is very good. The building, which was considered quite innovative when built in the early '50's, still serves a modern educational program well due to its small enrollment, facilities of various sizes, and renovations to support the handicapped student program. The building has 8 classrooms, 5 special education classrooms, kindergarten, multipurpose room, music room, and a library which functions very well.

After 26 years some maintenance is needed. Replacement of doors and hardware and refurbishing of electrical systems should be continued. The roof should be examined for needed repairs.

Unused classroom space might be considered for pupil dining to relieve triple use of the multipurpose room. Development of the five special classrooms for auditory handicapped and emotionally disturbed pupils could be made. A vacant room could be established as a "crisis intervention" room.

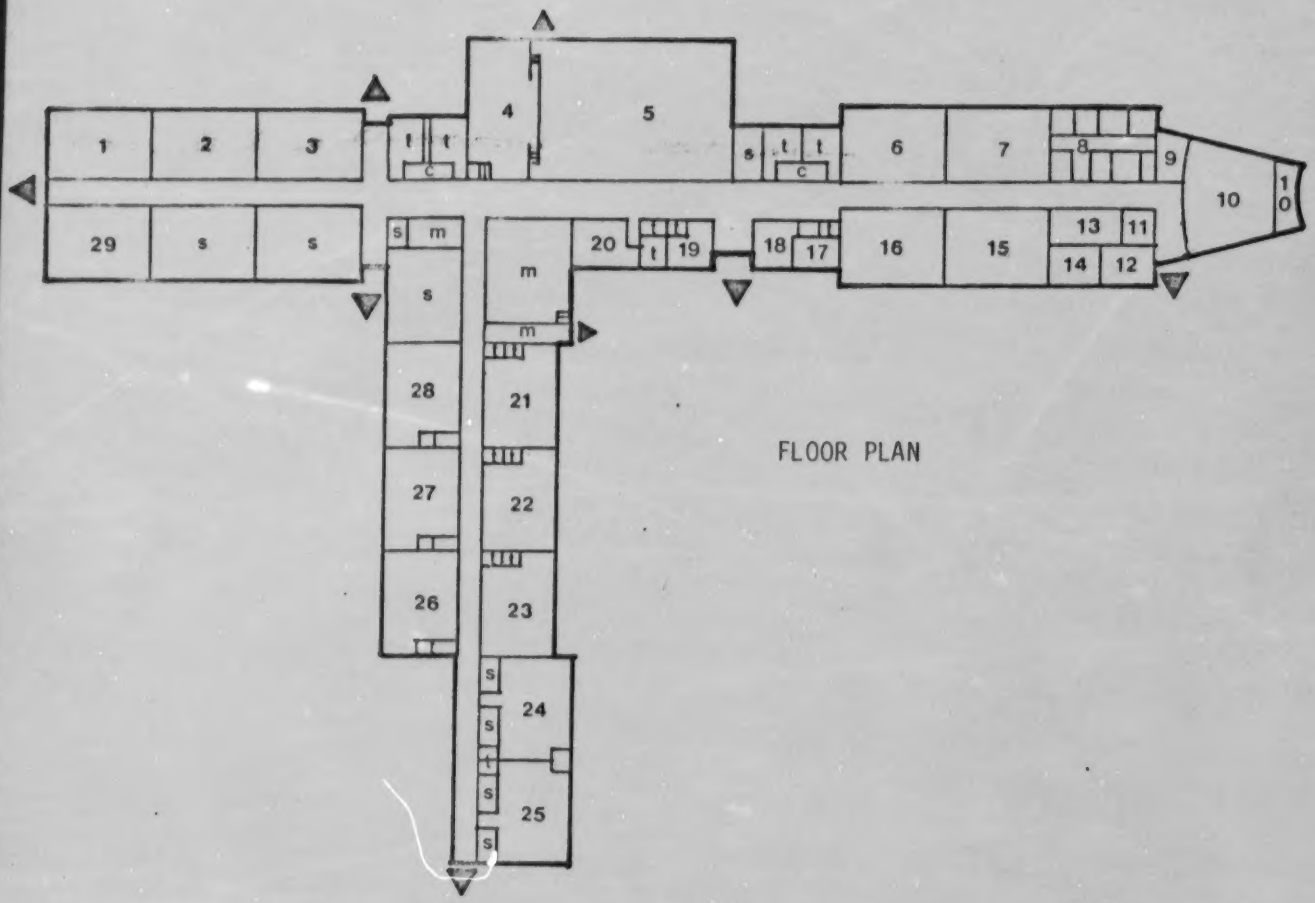
PUBLIC SCHOOL NUMBER 14 190
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



SITE PLAN

1. Public School Number 14 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 14 190
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FLOOR PLAN

PUBLIC SCHOOL NUMBER 14 190
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

no.	area	function
1	840	special education
2	840	special education
3	840	~~classroom~~ small group
4	1010	stage
5	3170	multi-purpose cafeteria/ gymnasium/assembly
6	840	classroom
7	840	classroom
8	840	~~small services~~ offices, sp. services
9	175	audio-visual
10	1260	i.m.c.
11	125	small group
12	250	small group
13	375	small group
14	250	small group
15	840	classroom
16	840	classroom
17	160	principal's office
18	225	office
19	215	nurse
20	325	teachers' room
21	840	special education
22	840	special education
23	840	classroom
24	840	kindergarten
25	840	~~kindergarten~~ music
26	840	classroom
27	840	classroom
28	840	classroom
29	840	special education

School No. 15

Site Size:	2 acres
Dates of Construction and Addition:	1921, 1968
Grades Housed:	K-6
Enrollment 1978-79:	322
Capacity:	305
Educational Evaluation:	443
Physical Evaluation:	804

School No. 15 is a two-story structure with partial basement. A large multipurpose room was added in 1968. The building, located on a very small site, is operating at very close to capacity. It contains 12 classrooms whose sizes are below State standards for 25 pupils. Except for grades two and six, however, class sizes are below this number and the rooms do not appear overcrowded. The kindergarten room is also small.

The multipurpose room houses dining, play, assembly, and dramatics with consequent overlapping of functions, particularly during the dining period when the weather is inclement and pupils cannot play outside.

The administrative suite is very inadequate. It is too small, not secure, gives no privacy for conferences, and it is located on the second floor, which would make it inaccessible to physically handicapped parents or children. ESL activities, now housed in a classroom on the ground floor, could be housed in the office space. The vacated room could then be developed into a suite of offices, including the principal, general office, and the health clinic.

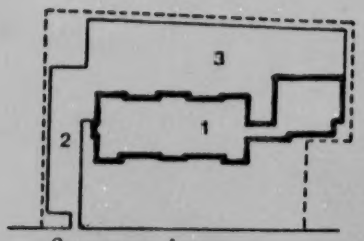
Some of the core facilities are inadequate. Included in this are fine arts and music, teachers' work and conference spaces, and administration.

The library is greatly below State standard in size. More space for this function could be gained by using some of the corridor and the area of the former stage now being used for instructional storage. It would also be desirable to expand the library into an adjoining classroom.

Even though the site is small for the size of the school, Weasel Brook Park is fairly close, and it is used for physical education classes.

Attention should be given to maintenance of the roof and the heating system. The electrical system needs a complete overhaul; this is already in process. Most sections of the building need new window shades. The former coal chute in the basement should be secured to stop leaking so the building administrator can complete development of this much needed storage area.

PUBLIC SCHOOL NUMBER 15 200
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



Gregory Avenue

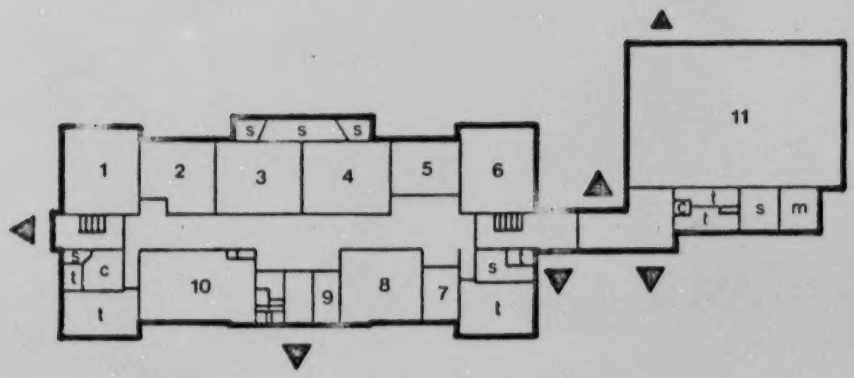
SITE PLAN

1. Public School Number 15 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 15 200
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

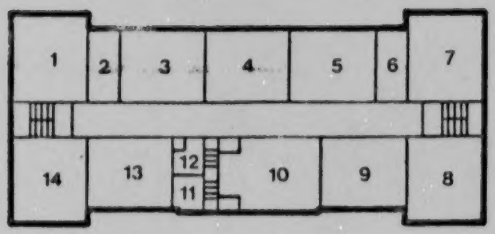
BASEMENT

PUBLIC SCHOOL NUMBER 15 200
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FIRST FLOOR

no.	area	function
1	685	classroom
2	550	~~classroom~~ small group
3	685	~~classroom~~ – small group
4	685	i.m.c.
5	380	small group
6	670	classroom
7	205	small group
8	620	classroom
9	140	small group
10	890	classroom
11	3370	multipurpose play/dining



SECOND FLOOR

no	area	function
1	685	classroom
2	230	teachers' room
3	660	classroom
4	660	classroom
5	660	classroom
6	230	nurse
7	685	classroom
8	685	classroom
9	630	classroom
10	735	kindergarten
11	100	principal's office
12	110	general office
13	630	classroom
14	685	~~classroom~~ small group

School No. 16

Site Size:	7 acres
Dates of Construction and Addition:	1957, 1964
Grades Housed:	K-6
Enrollment 1978-79:	202
Capacity:	295
Educational Evaluation:	593
Physical Evaluation:	804

School No. 16 is a single-story building on a fair-sized site. The building contains 10 academic classrooms, kindergarten, science room, administrative suite, library, multipurpose room, small group spaces, and a community room, which is being phased out. Most facilities are adequately sized.

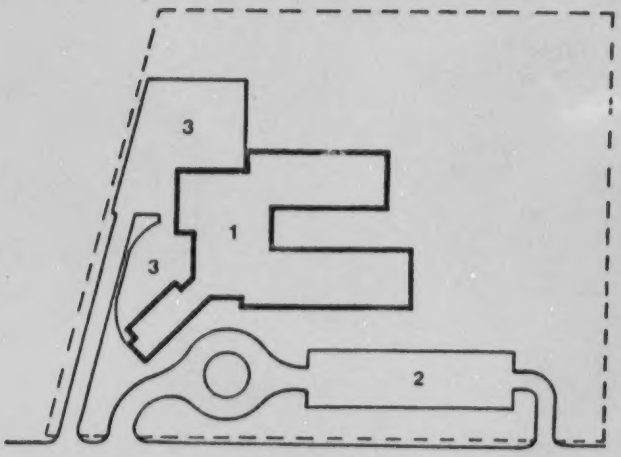
The building contains a common room for art and music. With much available space, these functions will be separated into two different rooms, and the furniture and other equipment specialized for each specific subject. Small group provisions could be improved by subdividing two or three classroom spaces.

The site is the second largest of the elementary schools; also Holster Park is nearby.

More electrical outlets should be provided in classrooms. Storm drainage from roof downspouts is a problem which has been given continued attention. New exterior doors are being installed, and ceilings have been painted following repair of roof leaks.

The library could be relocated next year into room 23, which is larger than the present space, has water, a toilet, and an excellent enclosure for a library workroom and storage.

A full environmental science program is in operation in this school.

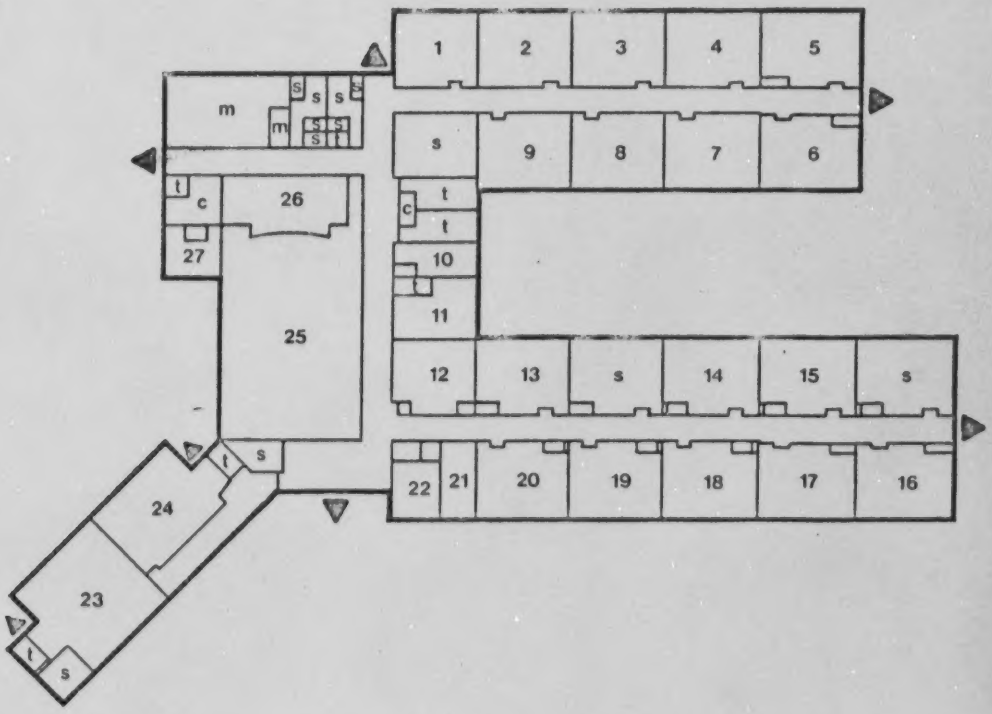


Grove Street

SITE PLAN

1. Public School Number 16 building
2. parking
3. play area

PUBLIC SCHOOL NUMBER 16 210
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12



FLOOR PLAN

PUBLIC SCHOOL NUMBER 16 210
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 12

no.	area	function
1	775	~~classroom~~ lunch
2	775	~~music/~~art
3	775	~~classroom~~ music
4	775	~~classroom~~ vacant
5	775	~~classroom~~ vacant
6	775	classroom
7	755	~~classroom~~ vacant
8	775	classroom
9	775	classroom
10	310	nurse
11	560	teachers' room
12	660	i.m.c.
13	775	i.m.c
14	775	classroom

no.	area	function
15	775	classroom
16	775	classroom
17	775	classroom
18	775	classroom
19	775	classroom
20	775	classroom
21	310	principal's office
22	320	general office
23	1330	community room
24	1050	kindergarten
25	3560	multipurpose dining/ assembly
26	880	stage
27	340	kitchen

Christopher Columbus Junior High School

Site Size:	18 acres
Dates of Construction and Addition:	1929, 1950
Grades Housed:	7-9, Special Education
Enrollment 1978-79	1,381
Capacity:	1,180
Educational Evaluation:	695
Physical Evaluation:	724

Christopher Columbus Junior High School was the Clifton Senior High School until 1962. As a result, it has some facilities not generally found in the usual middle or junior high school, including separate cafeteria, auditorium, and two gymnasiums. In addition to academic classrooms, the building contains a number of art and music rooms, shops, some small group spaces, home economics rooms, as well as health, guidance, and administrative offices. Memorial Park is adjacent to the school, and it is used by the staff and pupils. The stadium area serves for high school athletics, but is also used by Columbus School.

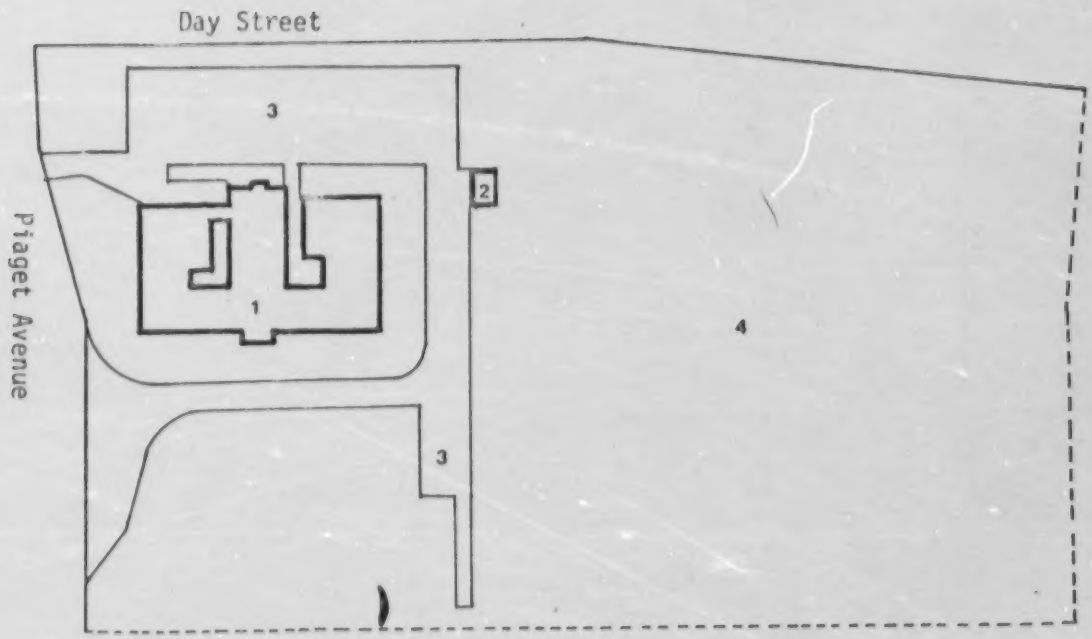
Plans are under way by administration to expand library space by incorporating storage space into the central room. As enrollment decreases, an adjoining room used for health instruction could be added to the library space by putting a doorway between the two rooms.

The school is at present over capacity, but enrollments are expected to decline shortly to the point that they will be below capacity. When this occurs, study of space allocation should be made so that additional floor area may be used in the continued improvement of instructional spaces.

The building presents a fine exterior with recently installed aluminum doors and windows. The interior, however, needs some improvement. The foods laboratory should be completely renovated. Partitions in the office area need to be extended to the ceiling and an additional toilet room might be added to the common

facility now opening out into the principal's office. In the future a vacant classroom could be used for instructional storage, which at present is limited. The health clinic should be moved to the first floor near the offices, as soon as space is available.

COLUMBUS JUNIOR HIGH SCHOOL 035
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

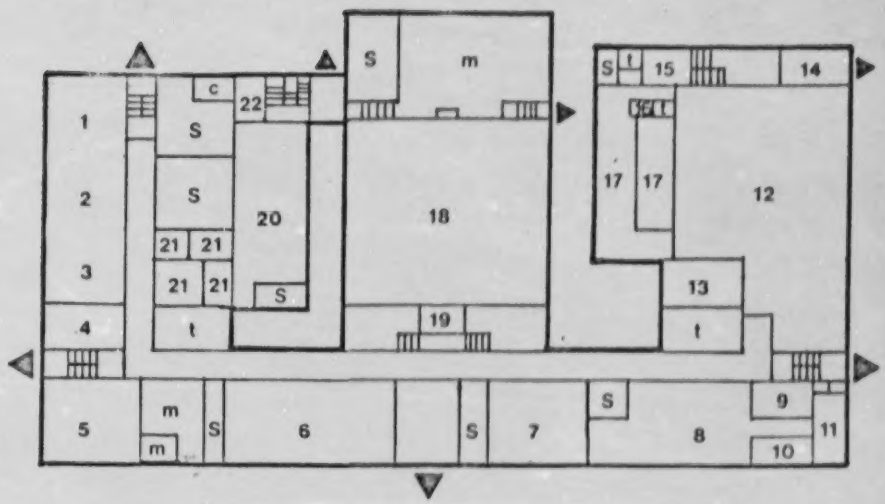


SITE PLAN

1. Columbus school building
2. storage
3. parking
4. play area/stadium

COLUMBUS JUNIOR HIGH SCHOOL 035
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

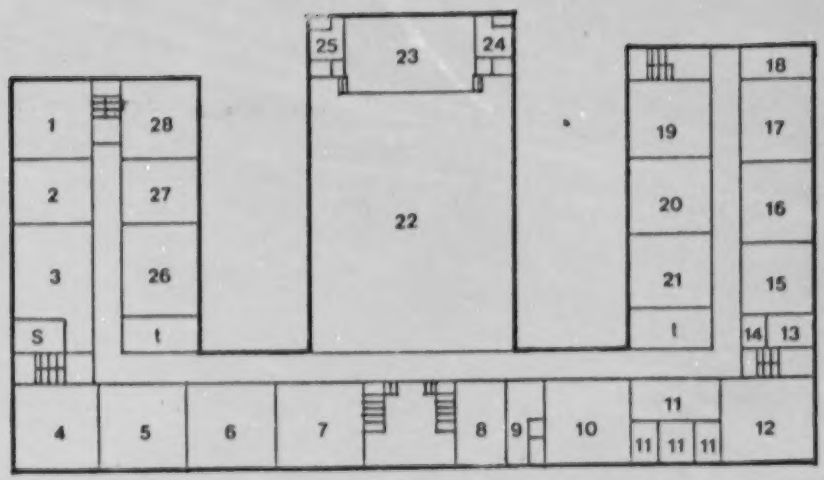
no.	area	function
1	700	wood
2	700	wood
3	700	wood
4	390	audiovisual equipment room
5	895	electric-electronics
6	1625	metal
7	925	~~classroom~~ physical ed.
8	1400	i.m.c.
9	240	i.m.c.
10	240	~~office~~ i.m.c.
11	240	office
12	4450	cafeteria
13	430	teachers' room
14	285	teachers' ~~cafeteria~~ rm.
15	190	locker room
16	35	office
17	1250	kitchen
18	4345	gymnasium
19	135	office
20	1320	music-instrument
21	650	nurse
22	150	music



GROUND FLOOR

COLUMBUS JUNIOR HIGH SCHOOL 035
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

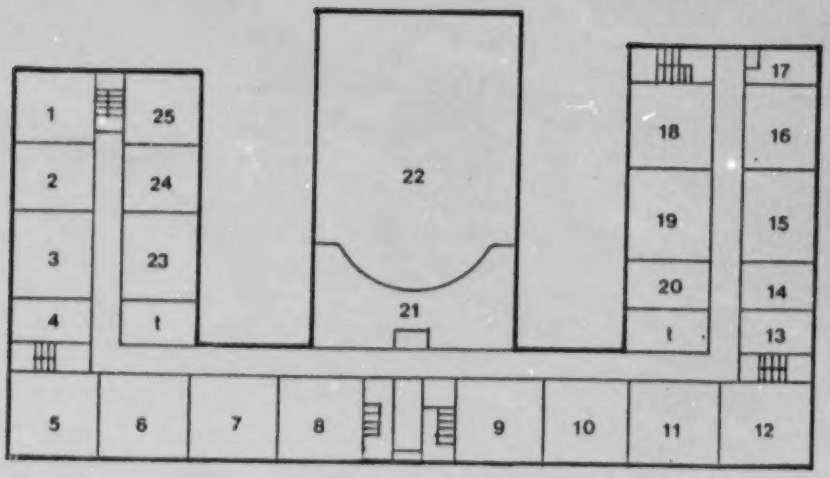
no.	area	function
1	700	arts
2	565	arts
3	970	arts
4	810	arts
5	810	classroom
6	810	classroom
7	810	classroom
8	450	special education
9	280	principal's office
10	785	general office
11	840	guidance
12	840	classroom
13	150	small group
14	85	school store
15	575	classroom
16	650	classroom
17	650	classroom
18	240	office
19	690	classroom
20	690	classroom
21	690	classroom
22	6050	auditorium
23	1100	stage
24	120	small group
25	120	small group
26	750	music-vocal
27	525	music-vocal
28	675	music-vocal



FIRST FLOOR

COLUMBUS JUNIOR HIGH SCHOOL 035
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

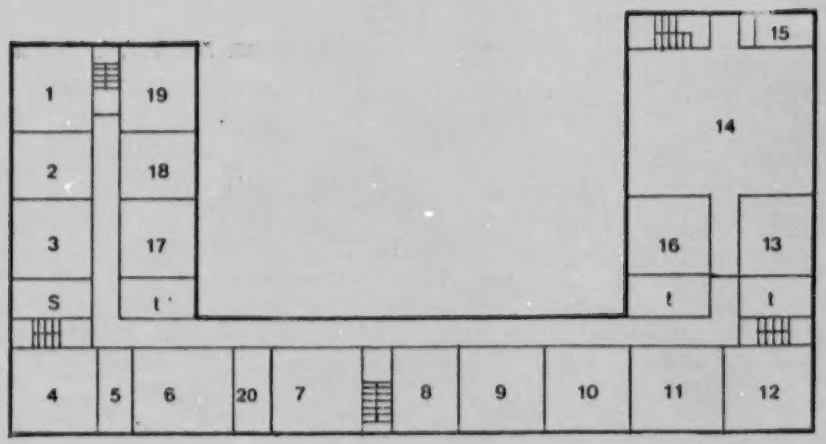
no.	area	function
1	610	typing
2	570	classroom
3	780	classroom
4	390	special education
5	810	classroom
6	810	classroom
7	810	classroom
8	810	classroom
9	810	classroom
10	810	classroom
11	810	classroom
12	810	classroom
13	360	small group
14	385	~~small group~~ classroom
15	720	classroom
16	670	classroom
17	230	small group
18	755	classroom
19	810	classroom
20	385	~~small group~~ classroom
21	1770	balcony
22		upper auditorium
23	750	classroom
24	525	classroom
25	675	classroom



SECOND FLOOR

COLUMBUS JUNIOR HIGH SCHOOL 035
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

no.	area	function
1	610	~~classroom~~ science
2	570	~~classroom~~ science
3	780	~~classroom~~ science
4	810	~~classroom~~ science
5	310	office
6	950	~~classroom~~ science
7	915 ~~1205~~	graphics
8	615	~~classroom~~ small group
9	810	learning lab
10	810	sewing
11	810	family living
12	810	foods
13	650	locker room
14	3345	gymnasium
15	195	office
16	650	locker room
17	780	~~classroom~~ science
18	570	drafting
19	610	~~classroom~~ science
20	290	small group



THIRD FLOOR

Woodrow Wilson Junior High School

Site Size:	11 acres
Date of Construction:	1955
Grades Housed:	7-9, Special Education
Enrollment 1978-79:	973
Capacity:	930
Educational Evaluation:	798
Physical Evaluation:	896

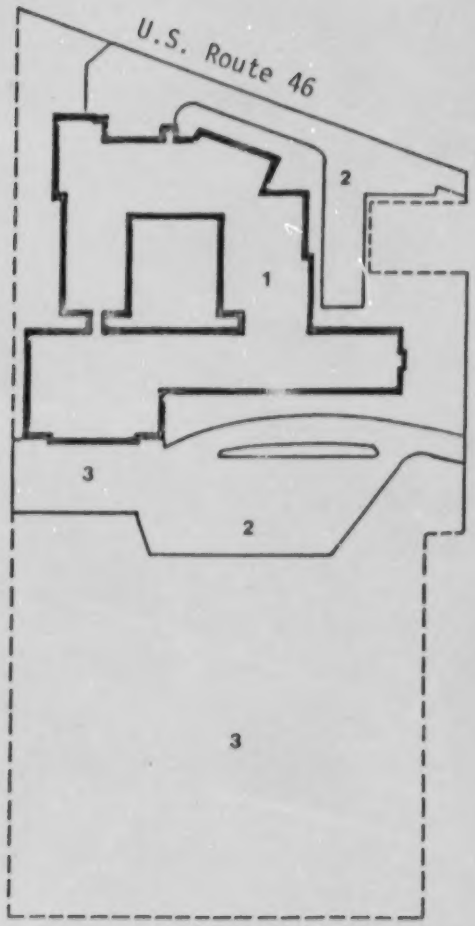
Woodrow Wilson Junior High School is an attractive two-level building. It contains, in addition to academic classrooms, home and industrial arts laboratories, art and music rooms, an administrative suite containing guidance, health, and principal's offices, separate cafeteria, auditorium, divisible gymnasium, a library, and small group spaces. The building has an unusually large interior court which is used for dramatics, spring musical concert and after-school parties, and picnics.

The site is well used by junior high and some senior high athletic programs. Whenever adjacent property becomes available, the site should be enlarged.

The building supports the educational program well. The library is of fair size. It could be further developed to include a production area, as has been suggested by administration. Additional storage, cabinets, and more study carrels are already planned for the 1979-80 school year.

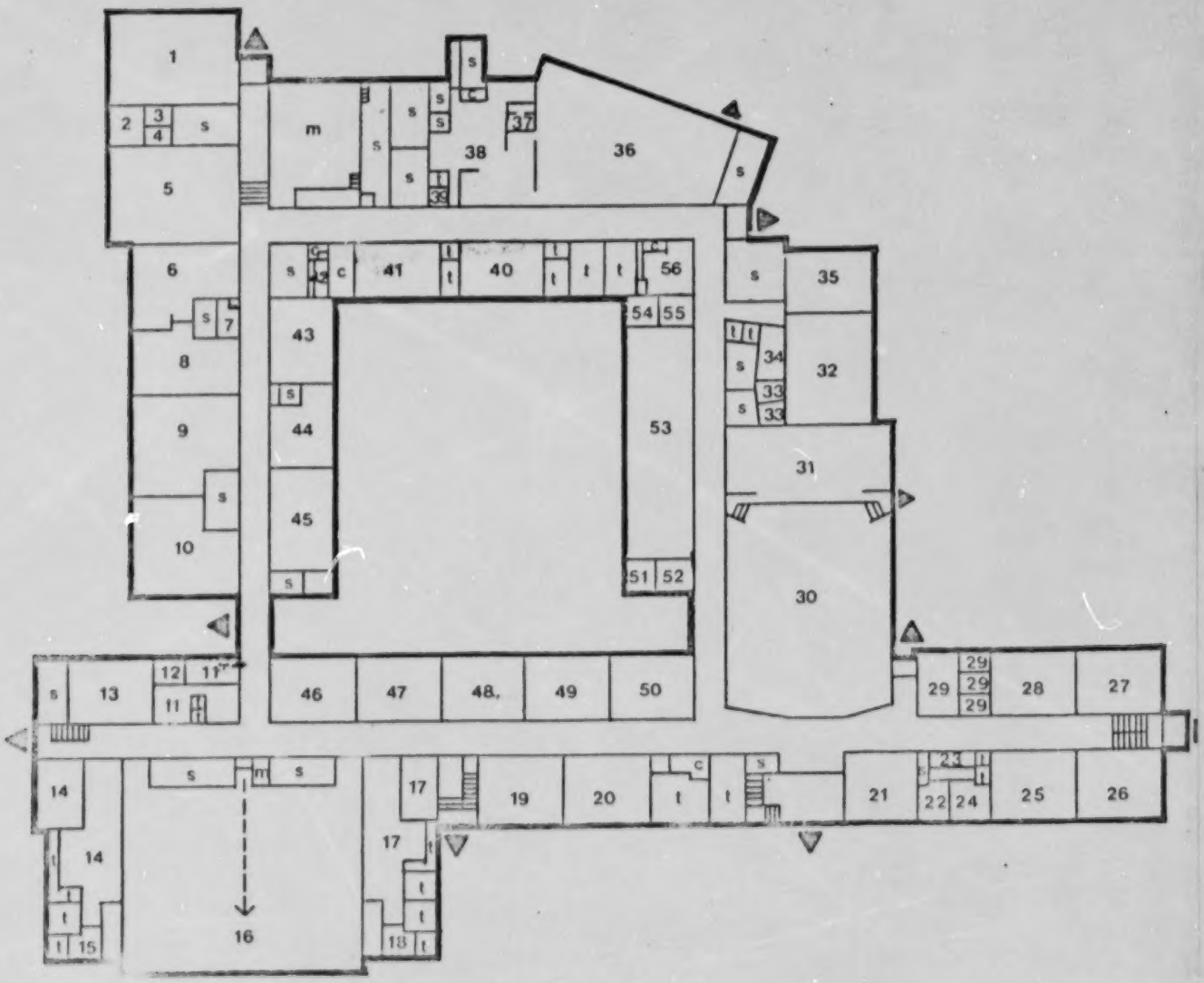
The building is in good physical condition.

1. Woodrow Wilson school building
2. parking
3. play area



SITE PLAN

WOODROW WILSON JUNIOR HIGH SCHOOL 070
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14



FIRST FLOOR PLAN

WOODROW WILSON JUNIOR HIGH SCHOOL 070
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

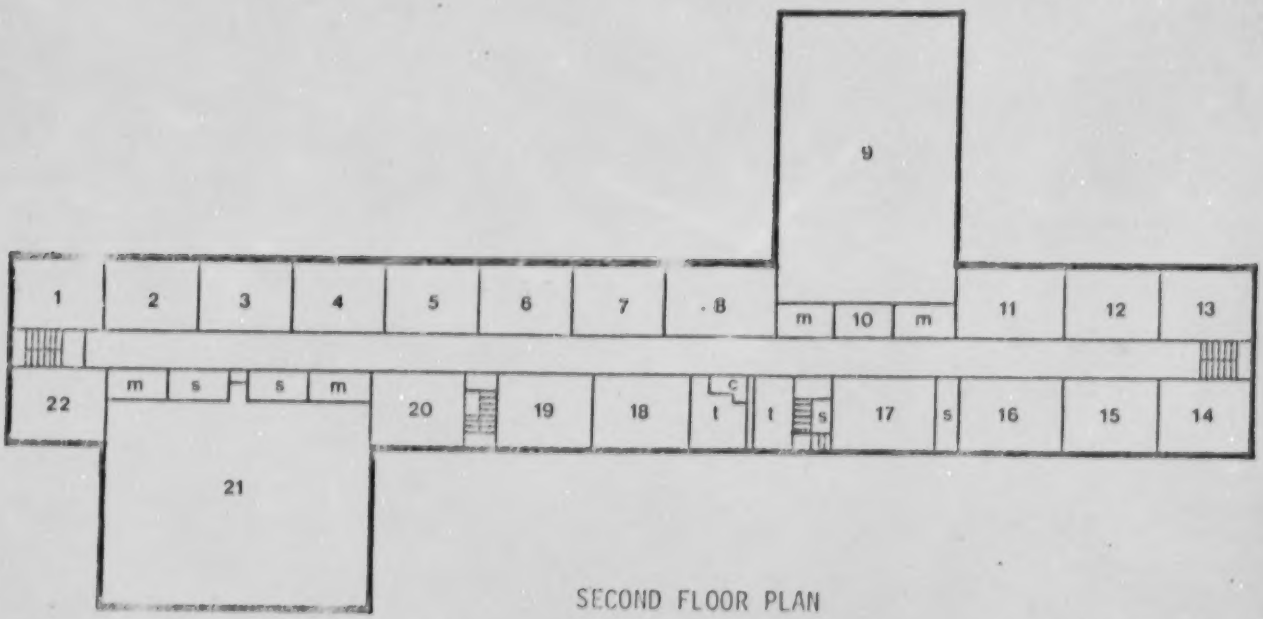
no.	area	function
1	1750	wood shop
2	180	finishing room
3	80	office
4	80	office
5	1750	metal shop
6	900	graphic arts
7	120	dark room
8	900	electricity
9	1400	fine arts
10	1400	fine arts
11	725	nurse
12	100	small group
13	750	classroom
14	1325	locker room
15	120	office
16	6300	gymnasium
17	1325	locker room
18	120	office
19	750	classroom
20	750	classroom
21	750	general office
22	120	vice-principal's office
23	130	workroom
24	150	principal's office
25	750	classroom
26	750	classroom
27	750	~~classroom~~ special education
28	750	~~classroom~~ special education

no.	area	function
29	625	guidance
30	4800	auditorium
31	1735	stage
32	1280	instrumental-music
33	170	practice rooms
34	175	office
35	735	vocal-music
36	3350	cafeteria
37	110	office
38	940	kitchen
39	80	locker room
40	600	teachers' room
41	600	special education
42	85	locker room
43	750	foods
44	750	family living
45	1000	sewing
46	750	~~classroom~~ reading lab
47	750	~~classroom~~ small group
48	750	classroom
49	750	classroom
50	750	classroom
51	145	office
52	150	small group/storage
53	2175	i.m.c.
54	145	office
55	150	audio-visual
56	380	book store

WOODROW WILSON JUNIOR HIGH SCHOOL 070
DISTRICT OF CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 14

no.	area	function
1	750	classroom
2	750	classroom
3	750	classroom
4	750	classroom
5	750	classroom
6	750	classroom
7	750	typing
8	1000	classroom
9		upper auditorium
10	210	projection room/office
11	1000	science lab

no.	area	function
12	750	classroom
13	750	classroom
14	750	classroom
15	750	classroom
16	1000	science lab
17	1000	science lab
18	875	classroom
19	875	classroom
20	750	classroom
21		upper gymnasium
22	750	classroom



SECOND FLOOR PLAN

Clifton High School

Site Size:	23.69 acres
Date of Construction:	1962
Grades Housed:	9-12, Special Education
Enrollment 1978-79:	2,451
Capacity:	2,538
Educational Evaluation:	820
Physical Evaluation:	885

Clifton High School is a large and functional building. Core facilities are on one level; there are three wings of three floors each. In addition to academic classrooms, it contains home, fine, and industrial arts laboratories, science, music, and business education facilities, health instruction rooms, data processing facilities, an administrative suite with a fine conference room, separate auditorium seating 1,100, cafeteria, and two gymnasiums of three stations each. Food service facilities are very sophisticated, as an average of 1,094 meals are served daily; and food is prepared and transported to 13 "satellite" elementary school kitchens, for an average of 1,119 pupils daily.

The library (IMC), containing approximately 25,000 volumes, is also a true media center, providing an area for independent study, production space for faculty and students, reading and reference areas. Facilities for the use of microfilm are desirable as is expansion of TV capabilities.

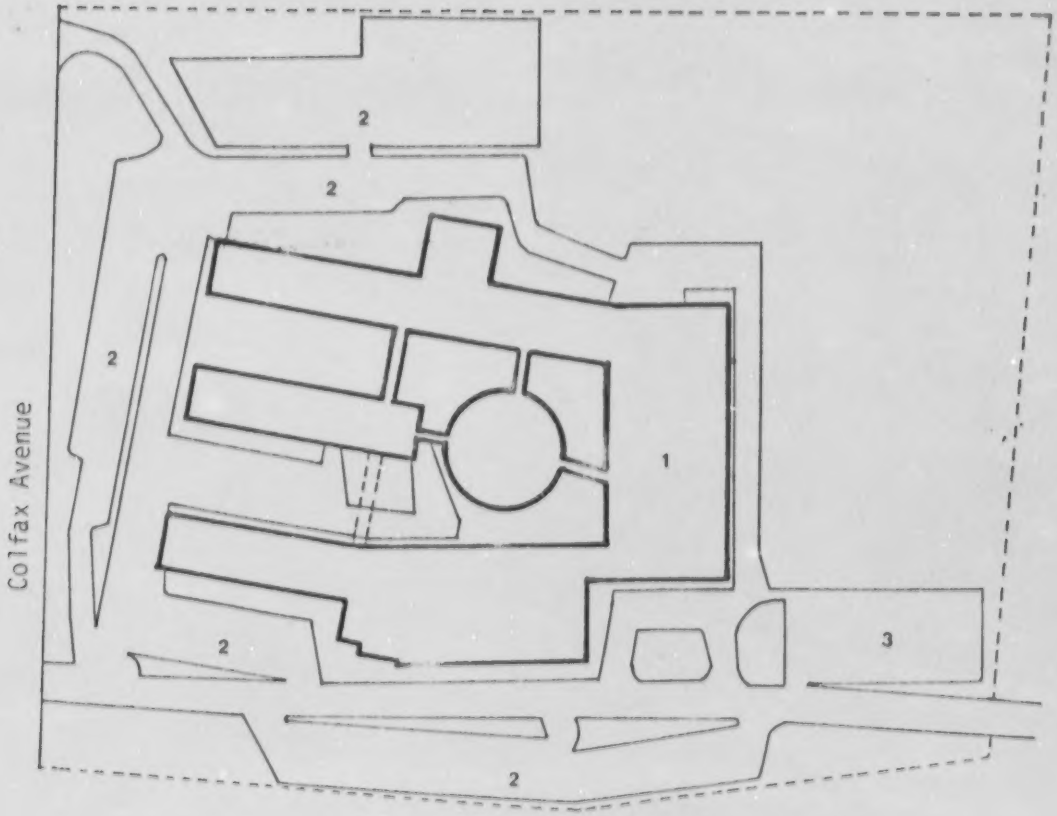
Small group instructional areas are being developed as enrollment declines.

Outdoor physical educational facilities and student parking spaces are limited. As adjacent federal space becomes available, it could be obtained to increase these facilities. Interscholastic athletic activities in the fall and spring are carried on at the stadium about 1-1/2 miles away. A trainer's room is being developed in the school for the 1979-80 school year.

Enrollment is slightly below capacity at present. Projected figures indicate that enrollment in three years will be about 2,200 and in five years will be below 1,900 students. As space becomes available, the principal has added, or will add, specialized programs in career education, science resource room, more room for individual research, reading laboratories, ESL rooms in English and history, and resource rooms for handicapped pupils. Child study team offices are being established in vacated space as enrollment has dropped.

The building is in good physical condition. Installation of exhaust fans has been continued over the past few years—notably in the band room, in the classrooms containing live animals and housing small engine repairs(though this latter should be re-examined). Similar installations are planned during the 1979 summer in the foods laboratories.

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17



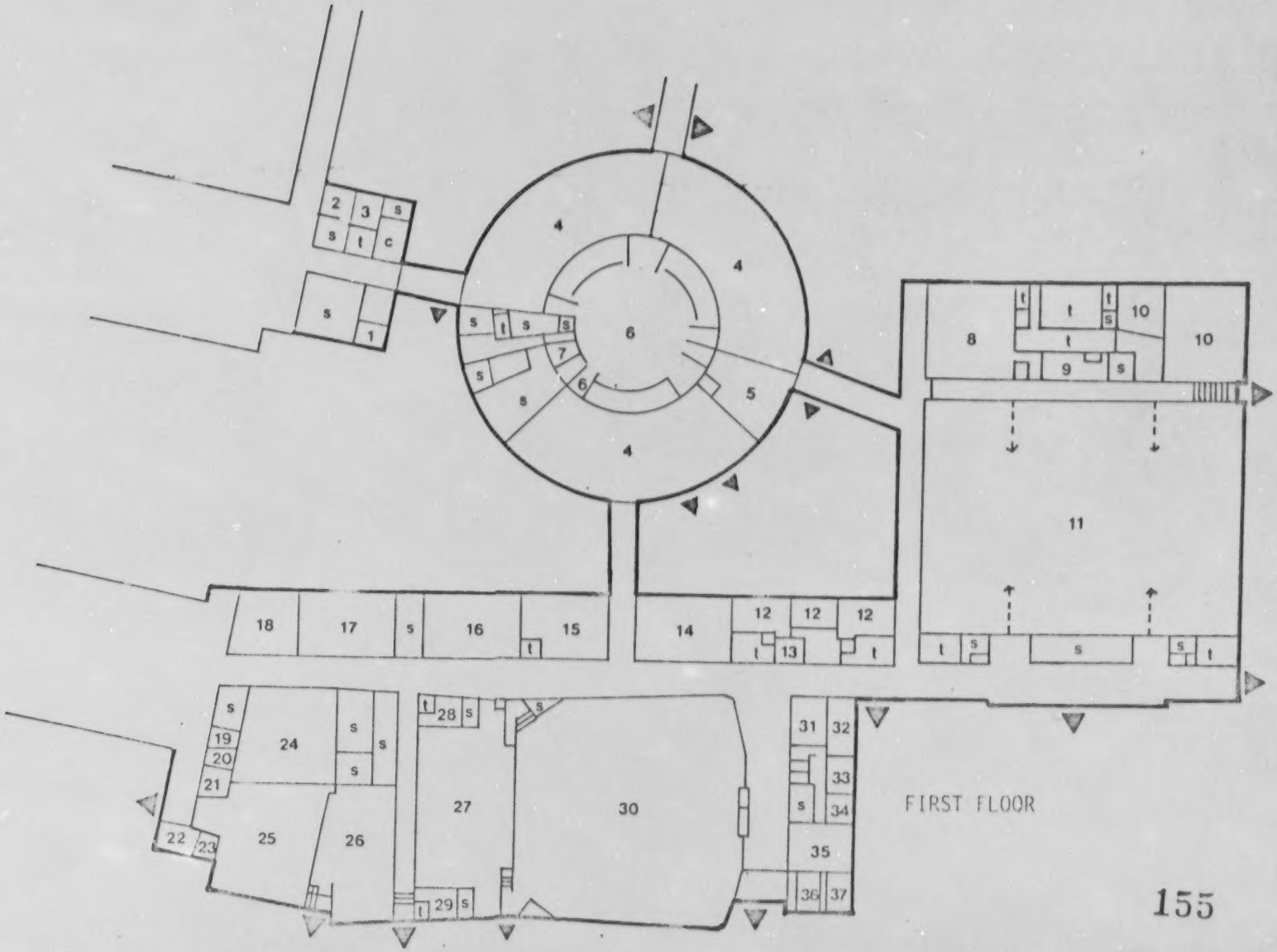
SITE PLAN

1. Clifton school building
2. parking
3. play area

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

BASEMENT

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

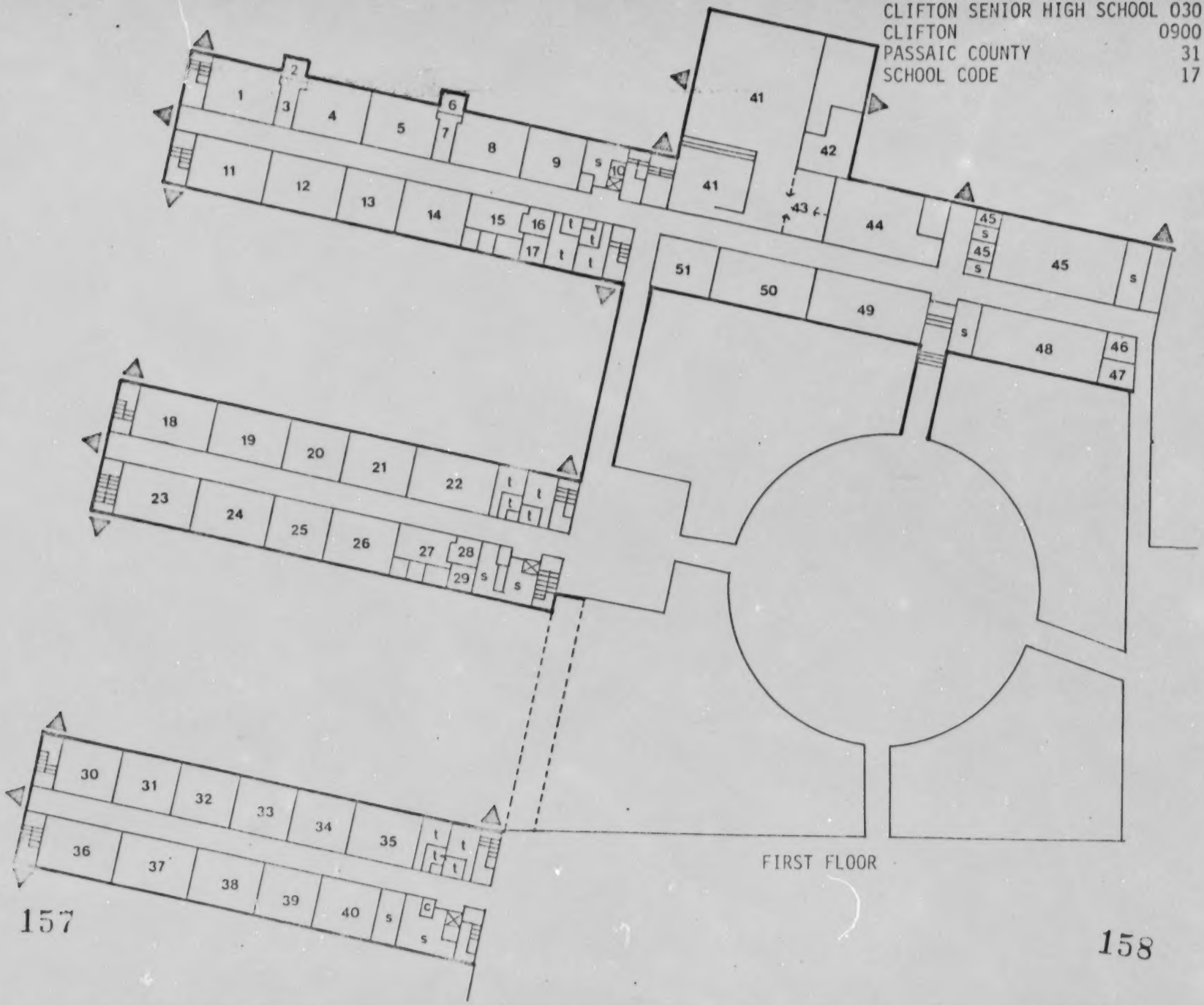


CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

FIRST FLOOR

no.	area	function
1	120	office
2	170	school store
3	170	locker room
4	33840	cafeteria (9800 sq. ft.)
5	690	teachers' cafeteria
6	3960	kitchen
7	85	office
8	1365	locker room
9	285	office
10	1700	locker room
11	12670	gymnasium
12	940	nurse
13	110	office
14	1055	classroom physical education
15	875	sewing
16	1055	foods
17	1055	foods
18	675	music
19	95	practice room
20	95	practice room
21	145	practice room
22	165	office
23	80	practice room
24	1520	music-instrument
25	1885	music- vocal (little theater)
26	1620	stage
27	2600	stage
28	145	dressing room
29	145	dressing room
30	8740	auditorium
31	280	work room
32	230	conference
33	150	principal's office
34	120	office
35	500	general office
36	150	office
37	150	office

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17



FIRST FLOOR

157

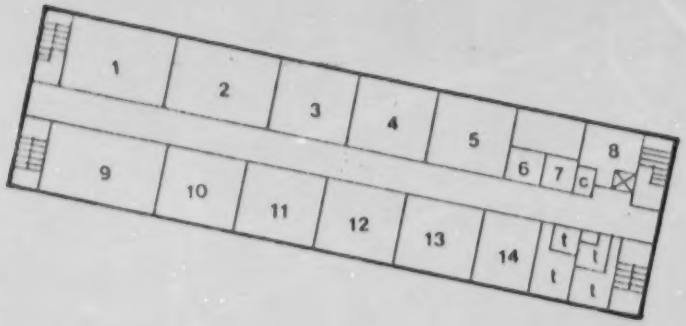
158

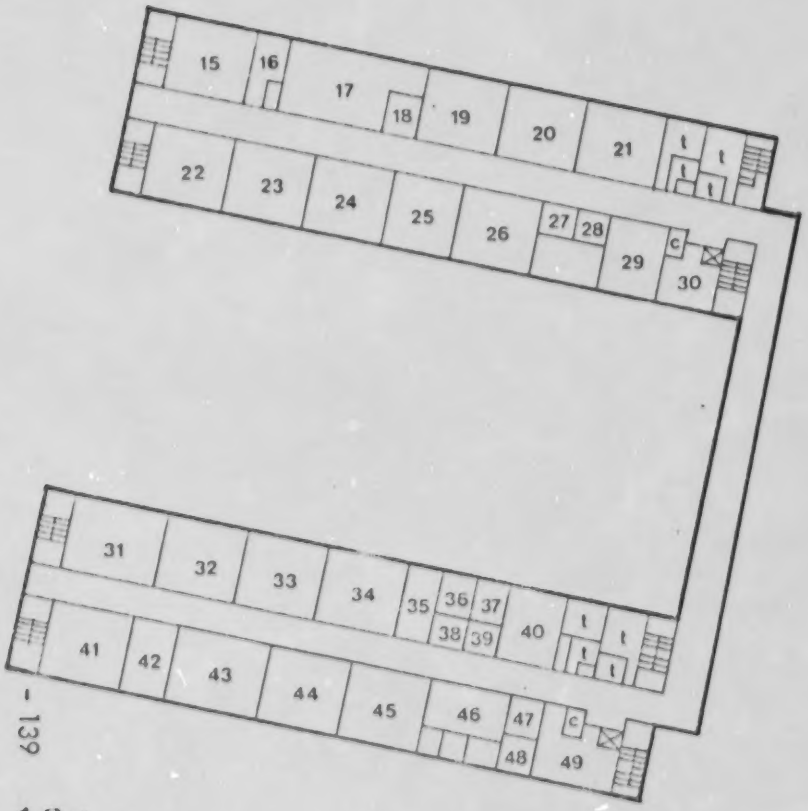
CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

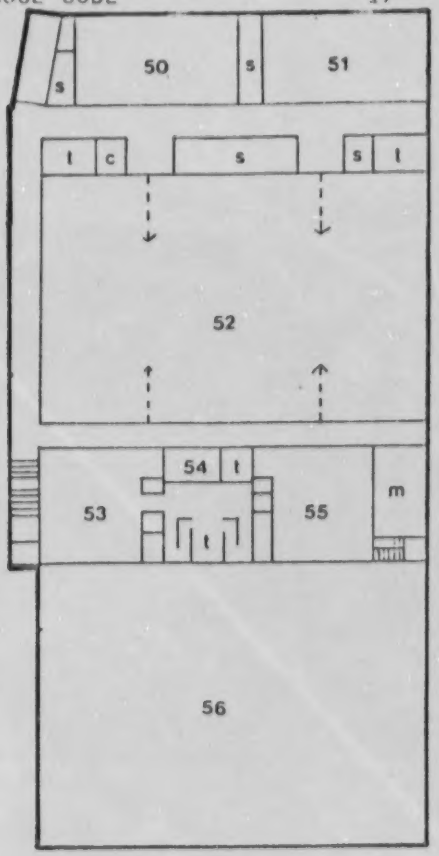
FIRST FLOOR

no.	area	function
1	790	science laboratory
2	90	greenhouse
3	175	preparation room
4	790	science laboratory
5	790	science laboratory
6	90	greenhouse
7	175	preparation room
8	790	science laboratory
9	790	~~classroom~~ art
10	45	dark room
11	790	typing
12	790	typing
13	650	~~classroom~~ special education
14	790	classroom
15	650	guidance
16	145	office
17	130	vice-principal's office
18	840	health and safety
19	840	health and safety
20	650	classroom
21	745	classroom
22	910	drafting
23	840	typing
24	840	typing
25	650	~~classroom~~ reading lab
26	745	~~small group~~ dramatics
27	650	guidance
28	145	office
29	130	vice-principal's office
30	650	classroom
31	650	classroom
32	650	classroom
33	650	classroom
34	650	classroom
35	650	classroom
36	840	health and safety
37	840	health and safety
38	720	small group
39	650	classroom
40	650	classroom
41	5170	i m c
42	575	audio-visual equipment room
43	570	audio-visual equipment room
44	1350	electronics
45	1800	wood
46	170	dark room
47	180	office
48	1440	graphic arts
49	1295	arts and crafts
50	1105	fine arts
51	670	~~classroom~~ small engines

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17







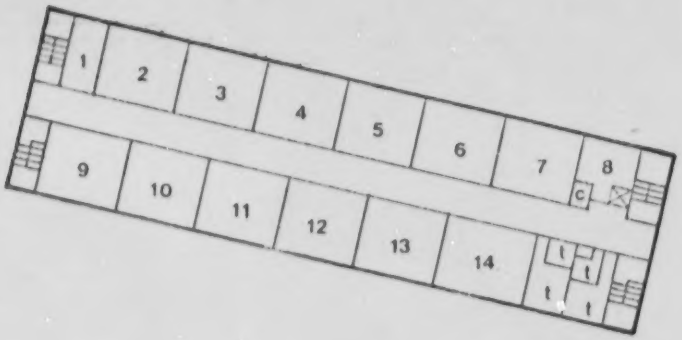
SECOND FLOOR

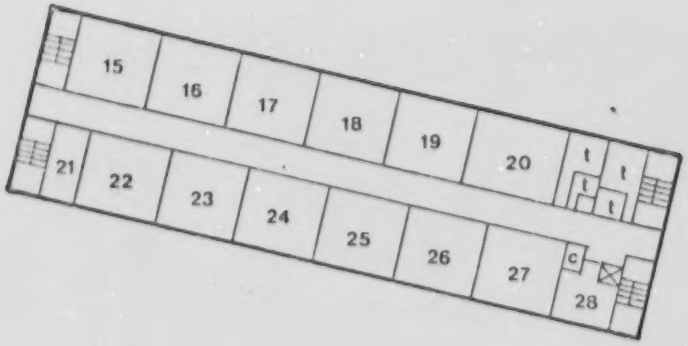
CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

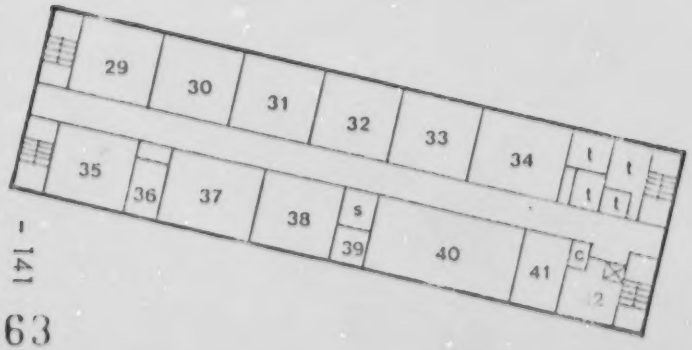
SECOND FLOOR

no.	area	function
1	840	~~health and safety~~ reading lab
2	840	health and safety
3	650	classroom
4	650	classroom
5	650	classroom
6	185	office
7	185	office
8	300	office
9	840	drafting
10	650	classroom
11	650	classroom
12	650	classroom
13	650	classroom
14	480	teachers' room
15	650	classroom
16	240	preparation room
17	990	chemistry laboratory
18	140	preparation room
19	650	~~classroom~~ language lab
20	650	classroom
21	650	classroom
22	650	classroom
23	650	classroom
24	650	classroom
25	650	~~classroom~~ language lab
26	650	classroom
27	145	office
28	145	office
29	480	teachers' room
30	300	office
31	720	distributive education
32	650	~~classroom~~ distributive education
33	650	classroom
34	650	~~classroom~~ reading lab
35	290	student activities
36	155	office
37	155	office
38	110	office
39	110	office
40	480	teachers' room
41	650	business machines
42	360	business machines
43	650	typing
44	650	classroom
45	650	classroom
46	650	guidance
47	145	office
48	145	vice-principal's office
49	540	student lounge
50	1650	auto shop
51	1650	metal
52	11090	gymnasium
53	1365	locker room
54	230	office
55	1405	locker room
56		upper gymnasium

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17







THIRD FLOOR

CLIFTON SENIOR HIGH SCHOOL 030
CLIFTON 0900
PASSAIC COUNTY 31
SCHOOL CODE 17

THIRD FLOOR

no.	area	function
1	265	small group
2	650	classroom
3	650	classroom
4	650	classroom
5	650	classroom
6	650	classroom
7	650	classroom
8	300	small group
9	650	classroom
10	650	classroom
11	650	classroom
12	650	classroom
13	650	classroom
14	650	classroom
15	650	classroom
16	650	classroom
17	650	classroom
18	650	classroom
19	650	classroom
20	650	classroom
21	265	office

no.	area	function
22	650	classroom
23	650	classroom
24	650	classroom
25	650	classroom
26	650	classroom
27	650	computer room/classroom
28	300	office
29	650	classroom
30	650	classroom
31	650	classroom
32	650	classroom
33	650	classroom
34	720	classroom
35	650	classroom
36	180	preparation room
37	720	physics laboratory
38	650	~~classroom~~ physics
39	120	preparation room
40	1200	chemistry laboratory
41	385	small group
42	300	teachers' room

The Stadium

The stadium is located on the present Columbus Junior High site. The area is surrounded by a brick and masonry wall. It contains a field house, goals for various sports, an all-weather track, concrete stands with bleachers covered with plastic, and storage and maintenance garages.

The stadium is used for junior and senior high school sports in spring and fall, for music festivals, and for some physical education activities by the Columbus Junior High pupils.

Board and Administrative Offices

The offices of the Board of Education and superintendent of schools are housed in School No. 6 on Clifton Avenue. The building is no longer used for instruction. Also housed in the building are the offices of the assistant superintendent of schools, directors of elementary and secondary education, Board secretary/business administrator, director of pupil personnel services, and director of audiovisual education. In addition, there is a maintenance department, some space devoted to City recreation programs, and excellent facilities for senior citizens. The building has been renovated under the direction of the business administrator into very functional central administrative quarters.

The senior citizens' facilities are an excellent example of City and Board cooperation in providing a fine community program.

Community Recreational and Cultural Facilities*

Clifton has a total of 148.72 acres in 33 municipal parks. They range in size from less than half an acre to 15 acres. A County park, Weasel Brook, has 24 acres; another, Weasel Brook Playground, has 2.5 acres. Also accessible to Clifton's residents are Garret Mountain Reservation, 505 acres, in Paterson and Rifle Camp Park, 130 acres, in West Paterson. Though by the standards of the National Recreation Association Clifton is deficient in recreational acreage, the built-up nature of the City makes it difficult to achieve such standards.

The main public library is on Piaget Avenue; the Allwood Branch is on Chelsea Road. Bookmobile service is also available. Though in most other respects—volumes and service—the library measures up to American Library Association standards, in size the main library has only about one-third the desirable square footage. It has been proposed that a larger library be developed in the proposed Civic Center on the site occupied by the United States Department of Agriculture Animal Quarantine Station.

Also proposed for this Center, in addition to municipal services, are a community center and park area.

* The Planning Association of North Jersey, "Technical Studies," Community Facilities, op. cit., pp. 1-7.

VIII

ANALYSIS AND TIMETABLE

Purposes of Education

The historical purpose of a school in a democracy has been to transmit the knowledge and culture of the civilization with the aim of both its preservation and its improvement. A concomitant aim is development of the individual both for self-fulfillment and contribution to the welfare of other human beings. This leads to two central questions: "What shall be taught?" and "How and where shall it be taught?"

The first question has been answered very well in the philosophy, goals, and description of the program mandated by the Board of Education, which has been detailed previously. The second question will be considered now.

To answer the latter question effectively one must consider the nature and maturity of the individual, the existing physical plant, and the resources which are available.

Schools are organized, and pupils are grouped, ideally considering the nature and maturity of various ages. The elementary school historically has been the "neighborhood" school—close to home for ease of transition from the home to a "wider home." As children grow and develop, their span of interest and understanding widens from home to neighborhood, to city, county, state, nation, and world.

As students grow through this conception of where they are in relation to polotical-geographical components, they also begin to distinguish elements of the world about them.

Growth concomitant to the academic is possible, and will follow, in other areas, such as the physical, the aesthetic, the social, if the stimulus (teaching), the surroundings (plant and equipment), and the social structure (pupil groupings) are facilitative.

Patterns of Grade Organization

Clifton's present organizational structure (K-6, 7-9, 10-12) has been successful in achieving the academic, social, aesthetic, and physical objectives desired by the community, as voiced by the Board in its goals and objectives. This conclusion is based primarily upon consideration of results of tests, history of college acceptances, and the record of students going on to productive work. Further evidence is found in the history of success in artistic, musical, and athletic endeavors, and the pride and satisfaction of students, staff, and administration in the school district and the City they live in.

The questions must be asked, "Should the grade structure be changed?" "Is it feasible to do so?" "Is there an organization which would achieve the desired objectives more effectively?" "What grade organization is best to achieve the purposes desired by the parents of Clifton for their children?"

There is probably little question about the effectiveness of the neighborhood elementary school and the comprehensive high school. It is the middle years about which there is much honest difference, so this report will concentrate on these grades.

Somewhere about the ages of 10 to 12 children have matured to where they are interested, as well as intellectually and physically ready, to proceed beyond their sheltered elementary school surroundings. Many pupils have literally read every book in the library, know every corner of the building and site they have lived in for

six or seven years, have learned the necessary basic skills, have experienced about everything the elementary school staff can offer—they need room and material and challenge to continue to grow.

The middle grades, the middle or junior high school, give them this chance to continue to develop.

Goals of a Middle School Education

The middle or junior high school (the former term is preferred by some educators as it is different from a high school in its goals) has five specific purposes which are necessary for development of 12 to 14 year olds. These are:

1. Continuation of development of academic skills
2. Personal and educational guidance
3. Development of maximal physical and mental health
4. Exploration of many new fields and experiences
5. Social development

What physical and staff components do each of these aims need for their fulfillment?

Academic Development

Full academic development in the middle years needs:

a. Science laboratories.

b. Libraries containing books, periodicals, audio and visual aids with practically no upper limit of difficulty and certainly no restriction of subject; a media center also, where students can explore illustration and exposition through audio and visual means.

c. Specialized historical-geographical books, pamphlets, maps, globes, and charts.

d. Mathematical models, board graphs, and graphics materials.

e. Typewriters, calculators, and, possibly, computer terminals.

f. Certificated teachers with specialized training in English, mathematics, science, history, and foreign languages.

g. Large outdoor sites for programs to facilitate the teaching of environmental science.

Guidance

Personal and educational guidance fulfillment requires:

a. Counselors oriented to the necessary transition from childhood to adolescence of pupils. Counselors, also, who are very knowledgeable about learning problems of students, about emotional needs of pre-adolescents, and about six-year programs (grades 7-12) which will develop each individual for post high school success.

b. Opportunities to experience new careers for possible future interests and even vocations through reading, field trips to places of work, and visits from guest speakers.

Physical and Mental Health

Development of maximal physical and mental health has been an important goal in Clifton. Middle school pupils need a continuation and intensification of health and physical education programs and services which have been provided in the elementary school, including:

a. Comprehensive health instruction by full-time specialized personnel who are well informed in health research to explain the dramatic changes occurring in young bodies.

b. Expansive outside space for vigorous team games, as well as introduction to many individual sports which may lead to lifetime sports—tennis, golf, archery, competitive running, cross-country skiing, camping, boating, and canoeing.

c. Full-time, or increased time of, personnel such as nurse, psychologist, learning disability specialist who can diagnose mental and physical problems and help parents and teachers guide these pre- and early adolescents through a very difficult period of their life.

d. Expanded opportunities for success in practical arts and in manual and physical activities to develop potential skills for some students who have been frustrated with academic achievement.

Exploration

Middle grade pupils need to explore many areas to learn both about themselves and their potential abilities. They need:

a. Industrial arts laboratories to work with tools and materials, and yes, ideas.

b. Well-equipped home arts facilities to learn in an effective manner principles of good nutrition and how to participate in the life of their families and their future households.

c. Dramatics opportunities where they can gain wider understanding of others by being another person for a day or even an hour.

d. Opportunities to play in a band or sing in a choir, to learn about great art through visits to a museum or a visit from an artist.

e. Experiences in writing or illustrating ideas and having them printed in school publications.

Socialization

Middle grade pupils need the opportunity to experience a number of social situations with other students of similar or slightly different ages. Their school should provide:

a. Large group activities for a whole grade of 250-300 pupils, where they work together for a common goal.

b. More personal, yet carefully guided, experiences such as picnics, square dances, co-ed hikes, and athletic contests.

c. At the upper levels, social dancing and coed parties.

Recommendations concerning Grade Structure

If all the foregoing is desired by parents for their pre-adolescent students, how can it be accomplished within the limits of school plants and available finances in Clifton?

The specific grades a school contains is not crucial in achieving the desired objectives at various levels of a school system. What is vital is that the

buildings contain adequate enrollments to offer the desired programs economically and that necessary experiences be provided to all pupils at the most effective period in their development.

School systems are organized in any number of ways, such as:

K-12
K-8, 9-12
K-6, 7-12
K-6, 7-9, 10-12
K-5, 6-8, 9-12
K-3, 4-6, 7-8, 9-12

Grade groupings in schools throughout the country depend upon space in buildings; geographical size of the community; location of various highways, major roads, or other barriers; habit; informed or uninformed preference of administration, Board, or various organizations in the community; or very logical planning taking into consideration needs of students, buildings, and reasonable costs.

Three alternative grade organizational patterns will be discussed.

Alternative I

Comprehensive study of goals, program, physical facilities, past and future births, enrollments, in- and out-migration, and housing patterns in Clifton lead to the conclusion that local educational objectives can best be achieved with three-level educational organization. Retention of the present groupings—K-6, 7-9, 10-12—may mean increasingly underutilized schools unless some elementary schools are closed. With expected decrease the junior high schools would approach a more desirable size (750 or 800 pupils) for the program. The very large high school could also benefit from a reduction in size.

Alternative II

A second alternative is to divide the school system into a K-5, 6-8, 9-12 organization. This might result in the closing of some elementary schools and

retention of near-capacity enrollments at the high school. Enrollments in the middle schools would be below capacity and would permit improvement of spaces. With the present elementary sending districts, estimated enrollments at Columbus and Wilson would be:

Columbus - 1,030 pupils in grades six through eight - 1983-84
Wilson - 578 pupils in grades six through eight - 1983-84

Enrollment at the high school in grades nine through twelve would be 2,460 students.

With the possible closing of some schools, feeder elementary schools to Columbus and Wilson should be restudied in order to better balance the enrollments of the two emerging middle schools.

Alternative III

This alternative would involve a K-8, 9-12 organization. Space would be available by 1983-84 to house the ninth grade in the high school. If all other buildings were to contain kindergarten through grade eight, considerable transfer of pupils would need to be accomplished to bring both junior high schools, as K-8 schools, to an enrollment of about 700 to use them efficiently; some elementary schools would need to be closed; and others probably would be overcrowded. Other disadvantages of this alternative would be:

1. The number of pupils in every elementary school at grades six, seven, and eight would be too low for the most economical offering of desired program elements.

2. Libraries, clinics, outdoor play space and, in some cases, cafeterias would need to be expanded. In many schools, there would not be adequate site to accomplish this.

3. Additional personnel would need to be hired in specialized areas such as foreign language, science, health, and business education to give pupils the education required before they are prepared to enter high school. (It is inefficient to have more personnel than absolutely needed wasting time traveling from school to school.)

4. Science laboratories, home and industrial arts shops, special art and music rooms would need to be provided at each school at considerable cost and would also be underutilized.

5. Intramural athletics, publications, club, and social activities would need to be organized for each school, again at considerable work and cost.

6. Increased clerical, maintenance, and health personnel might be needed at each school.

7. There would be serious dislocation of teachers, as there would need to be numerous transfers from the two junior high schools to K-8 schools.

8. Locker and shower rooms would need to be established in all elementary schools for physical education and intramural programs.

9. Increased space would be needed in each school in order to provide departmentalized programs.

10. Considerable funds would need to be expended to improve toilet areas, raise fixtures, water fountains, and other furniture and equipment.

Advantages of the K-8 organization are few. Each has a corollary disadvantage. The major benefits follow:

1. Pupils would remain closer to their own neighborhood in a more sheltered environment for two more years (but where and when are they going to experience the crucial transition from an elementary school setting to the stimulating, choice-filled secondary school experience?).

2. Middle grade pupils would have the advantage of remaining in a school where they are well known by administration (but maturing needs demand being able to make new associations and learn how to request assistance from appropriate sources when it is needed).

3. Upper grade pupils may provide protection and guidance for younger pupils (but this is not really a function of middle school age pupils in a school; younger children should be learning self-growth with parent and teacher guidance).

4. There probably would be some savings in transportation (but this would have to be closely computed after redistricting were done; additionally, savings to Clifton taxpayers in local taxes would be minor as 90 per cent of transportation costs are paid by State funds).

5. Seventh and eighth grade students would provide a cadre of pupils to give service around the elementary school, including pupil safety patrol (but, again, this would be assuming a service now being performed by upper elementary grade pupils).

6. Middle school pupils would be "protected" from pseudo-sophistication of older students in attitudes toward sex, drugs, and vandalism (but 13- and 14-year-olds will associate with others on playgrounds, on teams, and in clubs throughout the City during out-of-school and summer hours which exceed the total number of hours for 180 days when students are legally under the influence of the school.)

The conclusion seems clear. Many people might wish that their children be protected from many influences in society today, but protection could easily be construed as crippling their children instead. There is no defensible educational, social, or economic rationale for adopting a K-8, 9-12 structure in the Clifton schools at this time.

Program Accessibility

Under federal law (Section 504 of the Rehabilitation Act of 1973) and under New Jersey State law and regulations, all school programs should be readily accessible to handicapped students. In cases where accessibility cannot be achieved except through architectural modifications, these changes must be made by June, 1980 (under Section 504). Structural or physical modifications include elevators in buildings of more than one story; toilet facilities with extra-wide partitions, as well as toilet fixtures and sinks of appropriate type and structure; parking facilities; walks, adapted curbs, ramps instead of steps, handrails, entrances and doors of proper height and width; water fountains, telephones; and elevator controls suitable for students confined to wheel chairs.

The aim of the federal law is to have every building accessible, and it is certainly desirable that a child only temporarily handicapped have access to his own school. Practically, it may be necessary to provide this accessibility in stages. Since School No. 14 is a single-story structure, it could readily be made barrier free. The entire program is available at Woodrow Wilson Junior High School with the exception of the wood and metal shops which could be reached by an outside walk.

The high school already contains an elevator in the central section of the building. Its use would make the program accessible to handicapped students. Therefore, with the necessary modifications handicapped pupils will have complete access to educational programs at each grade level in the school system.

Special Education

Clifton is offering an effective program of education to pupils of special needs administered by a director. Noteworthy innovative elements are the swimming program at the Boys' Club; fine, home, and industrial arts explorations at Wilson Junior High School provided to pupils who are housed in the elementary schools; the summer school program provided at School 14 for 85 special education pupils in all classifications.

Classroom spaces should continue to be reserved, and special equipment provided, for self-contained groups of children, for resource rooms, and for academic instruction where pupils are mainstreamed. With the goal of mainstreaming handicapped pupils to the greatest degree effective for them, it is desirable to transfer some of the classes now concentrated in three elementary schools to other elementary schools; and this is being accomplished for 1979-80. At Columbus Junior High School space for supplemental instruction could be provided in yacant classroom space.

There are a few special education needs at high school level which are related to building space. Space allocated to child study functions by the principal should be increased as soon as feasible. The new classroom planned by the principal for multiple handicapped students is commended. Finally, vocational needs of handicapped students should receive priority. Space should be allotted and an on-site work/study program could be developed. This could be further expanded to an offsite cooperative work program as soon as feasible.

School Capacities and Enrollments

Table 22 on page 55 presents capacities and enrollments of the schools in the district as of September 30, 1978. Enrollment about equals capacity at Schools No. 2, 5, and 13. It exceeds capacity at Schools No. 11, 15, and both junior high schools. At the other schools enrollment is below capacity.

Total capacity of the elementary schools is 4,485. In 1983-84 enrollments in kindergarten through grade six are estimated at 3,205 and in kindergarten through grade five at 2,741.

Total capacity of the junior high schools is 2,110. By 1983-84 enrollment in grades seven through nine is estimated at 1,728 and in grades six through eight at 1,608.

Capacity of Clifton High School is 2,538. Enrollment in grades ten through twelve is estimated at 1,876 by 1983-84 and in grades nine through twelve at 2,460.

Recommendations

It is recommended that Clifton consider changing its grade organization to K-5, 6-8, 9-12. By 1983-84 there will be room for sixth grade pupils at the junior high schools and ninth grade pupils at the high school. At the same time, sending elementary schools for the two junior high schools should be reconsidered in order to balance enrollments at the two schools and, if possible, to eliminate use of basement facilities except for school and district storage.

In the meantime, consideration should be given to redrawing elementary school attendance areas and studying the possibility of closing some elementary schools. The Board and administration should monitor enrollments closely each year in this connection.

Table 23 gives the estimated distribution of elementary enrollments in 1983-84 and the school capacities.

Table 23
ESTIMATED DISTRIBUTION OF ELEMENTARY ENROLLMENTS
Clifton, New Jersey
1983-84

	K - 6		K - 5		
School	1978-79	1983-84	1978-79	1983-84	Capacity
No. 1	276	219	234	187	326
No. 2	405	283	340	242	434
No. 3	261	200	222	171	316
No. 4	151	141	132	121	192
No. 5	413	332	344	284	415
No. 8	240	196	204	168	340
No. 9	360	302	313	258	419
No. 11	350	301	297	257	339
No. 12	455	394	392	337	496
No. 13	290	215	235	184	334
No. 14	193	154	161	132	274
No. 15	322	283	269	242	305
No. 16	202	185	162	158	295
Totals	3,918	3,205	3,305	2,741	4,485

Educational and Physical Evaluations of the Schools

Table 22 on page 55 gives the educational and physical ratings of the schools of the district. Educational ratings range from 420 to 820. The lower ratings—that is, below 600—indicate a need for addition or remodeling to improve facilities. Ratings over 600 are generally satisfactory; it is expected that a secondary school would have higher ratings than an elementary school, since its facilities are usually more sophisticated.

Physical ratings of the schools range from 632 to 896. When these fall below a rating of 750, need for renovation or maintenance is indicated.

Specific educational and physical needs of each building have been pointed out in a previous chapter.

Time Schedule

Following is a summary of recommended actions according to a time schedule:

School Year(s)	Recommended Action
1979-81	Study of the Master Plan by the Board of Education, school administration and staff, and the community. Plan for improvements and changes needed, and budget for these.
1980-81	Redraw elementary and junior high school attendance lines, and make decisions concerning reassignment of pupils.
1980-83	Continue study of enrollment trends, and study possible school closings.
1980-85	As enrollments continue to decline, develop facilities to improve program by conversion of space to specialized uses where still needed.
1980-89	Continue renovation and physical improvements of buildings.
	Expand various elementary, middle, and high school sites as property becomes available.
1983-84	Change the grade organization to K-5, 6-8, 9-12.
	Transfer grade six to the junior high schools, according to redistricting decided upon in 1980-81, and grade nine to the high school.
	Reassign elementary school pupils according to redistricting decided upon in 1980-81.
	Close any school which would become vacant or have a very low enrollment due to pupil reassignment, and study its use for other community educational or recreational purposes.

Costs

Allocation of yearly budget surpluses to building improvements has provided for steady upgrading of the Clifton school buildings. It is recommended that this process continue; it appears to be adequate for the foreseeable future.

As a study is done to redraw attendance lines, possibly some increased costs for transportation will need to be arrived at and budgeted. Special questions on budget referenda for purchase of property to add to sites as it becomes available can be included.

SUMMARY

County Passaic District Clifton Date August, 1979

Area of District 11.75 sq. mi. Per Cent Developed 96 Current Enrollment 8,822

Enrollment in 5 Years 6,908 Enrollment in 10 Years 5,978

Pupils in Temporary Facilities None Pupils on Less Than Full-Time Session None

School	Grade Levels Present	Grade Levels Proposed	Functional Capacity	Site Size (acres)	Location	Estimated Occupancy Date**
EXISTING						
No. 1	K-6	K-5	326	3.00	F-5	1983-84
2	K-6	K-5	434	6.70	E-9	1983-84
3	K-6	K-5	316	4.13	F-7	1983-84
4	K-6	K-5	192	3.00	D-5	1983-84
5	K-6	K-5	415	1.86	A-5	1983-84
8	K-6	K-5	340	4.00	Q-13	1983-84
9	K-6	K-5	419	2.00	K-13	1983-84
11	K-6, Sp.	K-5, Sp.	339	2.50	H-3	1983-84
12	K-6	K-5	496	4.00	K-4	1983-84
13	K-6, Sp.	K-5, Sp.	334	3.00	J-9	1983-84
14	K-6, Sp.	K-5, Sp.	274	8.00	H-11	1983-84
15	K-6	K-5	305	2.00	J-7	1983-84
16	K-6	K-5	295	7.00	D-13	1983-84
Columbus	7-9, Sp.	6-8, Sp.	1,180	18.00	F-5	1983-84
Wilson	7-9, Sp.	6-8, Sp.	930	11.00	D-9	1983-84
Clifton High	10-12, Sp.	9-12, Sp.	2,538	23.69	F-9	1983-84

PROPOSED SCHOOLS: None

** For proposed grade organization of K-5, 6-8, 9-12.

APPENDIX

Capacities and Educational and Physical Evaluations of Schools

The capacity of the schools has been calculated in accordance with the formulas of the Bureau of Facility Planning Services, New Jersey State Department of Education. The next to the last column of the capacity table gives the maximum number of pupil stations desired for each teaching station; where the calculated capacity is less than the maximum acceptable pupil stations, it is shown in parentheses. The capacity figure is not constant, since it is based on present use of the school. Thus, capacity could change as room use changed.

The table of educational and physical ratings, called the School Facilities Evaluation Instrument, is a form supplied by the Bureau of Facility Planning Services. As a point of reference, it would be possible to obtain a score of 1,000 on each of the ratings, educational and physical, though an elementary school will usually score lower in the educational evaluation than a secondary school, since it has less sophisticated facilities. However, scores of over 500 for elementary schools are quite satisfactory.

It should be emphasized that the educational evaluation is not an assessment of the educational program, but an evaluation of how well the facilities fit the program. Again, the educational figure is not a constant. If, for example, a school lacked an art room and as space became available one were provided, the rating for art would be raised.

Table I
CAPACITY OF SCHOOL NO. 1
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	750	36	900	25 x 2 (20)	40
First-Third Grades	1	700	32	800	25 (21)	21
	5	750	32	800	25 (23)	115
Fourth-Sixth Grades	6	700 or over	28	700	25	150
Total Functional Capacity						326
Instructional Areas (no capacity)						
Cafeteria	1	1,500				
Library	1	750		2,500		
Gymnasium (multipurpose)	1	3,310		3,500		
ESL/ Supplemental Instruction	1	700				
Compensatory Education	1	700				
Speech	1	160				
Small Group/Conference	1	500				

Table II

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 1

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 1	
Street Address	158 Park Slope	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	326	
Size of Site, Owned by District, in Acres	3.0	
Athletic Fields and Playground Area, in Acres	.94	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 3

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 1

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	2	x 15 =	30	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	2	x 25 =	50	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	0	x 10 =	0	
Personal property storage	3	x 10 =	30	
Work room	1	x 20 =	20	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	3	x 20 =	60	
		TOTAL =	1,505	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				502

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	1	Door hardware	2
On-site parking	0	Stair towers	3
Exterior walls	3	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	2	Pupil toilets	3
Windows	3	Adult toilets	2
Floors	3	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	2	Heat or smoke detection system	2
Electric outlets in classrooms	1	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	1	TOTAL =	63
Fire alarm system	3		
Air conditioning	0		
PHYSICAL CONDITION SCORE (Total x 11.49)			724

Table III
CAPACITY OF SCHOOL NO. 2
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	1,090	36	900	25 x 2	50
First-Third Grades	2	705	32	800	25 (22)	44
	3	725	32	800	25 (22)	66
	1	770	32	800	25 (24)	24
	1	830	32	800	25	25
Fourth-Sixth Grades	9	700 or over	28	700	25	225
Total Functional Capacity						434
Instructional Areas (no capacity)						
Cafeteria	1	1,280				
Music	1	705				
	1	770		1,000		
Library	1	1,540		2,500		
Gymnasium (multipurpose)	1	4,960		3,500		
Science	1	770		1,000		
Supplemental Instruction	1	770				
Health	1	725				
Small Group	1	705				
Compensatory Education	1	770				
Speech	1	250				

Table IV

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 2

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 2	
Street Address	1270 Van Houten Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	434	
Size of Site, Owned by District, in Acres	6.7	
Athletic Fields and Playground Area, in Acres	1.96	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 2

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	2	x 50 =	100	
Outdoor nature study	2	x 15 =	30	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	1	x 15 =	15	
Showers	1	x 10 =	10	
Outdoor physical education	2	x 25 =	50	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	2	x 75 =	150	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	1	x 20 =	20	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	0	x 20 =	0	
Health suite	1	x 15 =	15	
Instructional storage facilities	3	x 25 =	75	
Custodial storage facilities	3	x 20 =	60	
		TOTAL =		1,765
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				588

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	3
On-site parking	3	Stair towers	3
Exterior walls	2	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	2	Pupil toilets	3
Windows	3	Adult toilets	3
Floors	2	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	3	Heat or smoke detection system	3
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	70
Fire alarm system	3		
Air conditioning	0		
PHYSICAL CONDITION SCORE (Total x 11.49)			804

Table V
CAPACITY OF SCHOOL NO. 3
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	720	36	900	25 x 2 (20)	40
First-Third Grades	1	500	32	800	25 (15)	15
	4	720	32	800	25 (22)	88
	1	740	32	800	25 (23)	23
Fourth-Sixth Grades	6	740	28	700	25	150
Total Functional Capacity						316
Instructional Areas (no capacity)						
Auditorium	1	3,180		2,400		
Library	1	550		2,500		
Gymnasium (dining)	1	3,740		3,500		
Compensatory Education	1	720				
Small Group	1	175				
	1	200				
Speech	1	175				

Table VI

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 3

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 3	
Street Address	365 Washington Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	316	
Size of Site, Owned by District, in Acres	4.13	
Athletic Fields and Playground Area, in Acres	1.75	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	2.8 Washington Park	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 3

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 3

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	1	x 25 =	25	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	3	x 40 =	120	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	2	x 25 =	50	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	3	x 40 =	120	
Audiovisual media	2	x 25 =	50	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	2	x 25 =	50	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	0	x 10 =	0	
Personal property storage	2	x 10 =	20	
Work room	1	x 20 =	20	
Toilet facilities	1	x 10 =	10	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	2	x 20 =	40	
		TOTAL =	1,505	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				502

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	2
On-site parking	0	Stair towers	2
Exterior walls	2	Intercommunication system	2
Roof	2	Plumbing	2
Interior walls	2	Pupil toilets	1
Windows	3	Adult toilets	1
Floors	2	Drinking fountains	3
Ceilings	2	Exits	2
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	2	Heat or smoke detection system	3
Electric outlets in classrooms	1	Sprinkler system	0
Electric lighting	2	Fire extinguishers	3
Emergency lighting	0	TOTAL =	55
Fire alarm system	3		
Air conditioning	0		

PHYSICAL CONDITION SCORE (Total x 11.49) 632

Table VII
CAPACITY OF SCHOOL NO. 4
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	875	36	900	25 x 2 (24)	48
First-Third Grades	3	735	32	800	25 (23)	69
Fourth-Sixth Grades	3	735	28	700	25	75
Total Functional Capacity						192
Instructional Areas (no capacity)						
Cafeteria	1	1,240				
Library	1	1,150		2,500		
Gymnasium (multipurpose)	1	2,280		3,500		
Title I/Compensatory Education/Clinic	1	735				
Music/Speech/ Supplemental Instruction	1	735				

Table VIII

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 4

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 4	
Street Address	194 West Second Street	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	192	
Size of Site, Owned by District, in Acres	3	
Athletic Fields and Playground Area, in Acres	1	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 3

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 4

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	1	x 25 =	25	
Fine arts and crafts	1	x 25 =	25	
Music activities	1	x 25 =	25	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	1	x 40 =	40	
Audiovisual media	2	x 25 =	50	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	0	x 10 =	0	
Personal property storage	1	x 10 =	10	
Work room	1	x 20 =	20	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	1	x 15 =	15	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	1	x 20 =	20	
		TOTAL =	1,260	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				420

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	2
On-site parking	0	Stair towers	2
Exterior walls	2	Intercommunication system	2
Roof	1	Plumbing	2
Interior walls	2	Pupil toilets	1
Windows	3	Adult toilets	2
Floors	3	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	1	Heat or smoke detection system	3
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	1	TOTAL =	59
Fire alarm system	3		
Air conditioning	0	**PHYSICAL CONDITION SCORE (Total x 11.49)**	678

Table IX
CAPACITY OF SCHOOL NO. 5
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	1,260	36	900	25 x 2	50
First-Third Grades	3	750	32	800	25 (23)	69
	1	760	32	800	25 (23)	23
	2	775	32	800	25 (24)	48
	3	790	32	800	25	25
Fourth-Sixth Grades	8	700 or over	28	700	25	200
Total Functional Capacity						415
Instructional Areas (no capacity)						
Cafeteria	1	600				
	1	770				
	1	1,295				
Music	1	775		1,000		
Library	1	775		2,500		
Gymnasium (multipurpose)	1	4,160		3,500		
Art	2	760*		1,000		
Supplemental Instruction	1	255				
Speech	1	335				
Compensatory Education	1	750				
Audiovisual/Cafeteria	1	750				
Vacant Classroom	1	750				
	1	790				
ESL	1	750				

* 1 also used for lunch

Table X

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 5

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 5	
Street Address	136 Valley Road	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	415	
Size of Site, Owned by District, in Acres	1.86	
Athletic Fields and Playground Area, in Acres	.4	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 5

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	2	x 25 =	50	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	3	x 40 =	120	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	2	x 10 =	20	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	2	x 20 =	40	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	2	x 20 =	40	
		TOTAL	=	1,585
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				528

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	2
On-site parking	3	Stair towers	3
Exterior walls	3	Intercommunication system	2
Roof	3	Plumbing	3
Interior walls	3	Pupil toilets	2
Windows	3	Adult toilets	3
Floors	3	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	2	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	1	Heat or smoke detection system	3
Electric outlets in classrooms	1	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	68
Fire alarm system	3		
Air conditioning	0	**PHYSICAL CONDITION SCORE (Total x 11.49)**	781

Table XI
CAPACITY OF SCHOOL NO. 8
Clifton, New Jersey

Instructional Area	Numbers of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	1,050	36	900	25 x 2	50
First-Third Grades	5	750	32	800	25 (23)	115
	1	840	32	800	25	25
Fourth-Sixth Grades	6	700 or over	28	700	25	150
Total Functional Capacity						340
Instructional Areas (no capacity)						
Library	1	750		2,500		
Gymnasium (multipurpose)	1	4,110		3,500		
Supplemental Instruction	1	200				
Speech	1	120				
Small Group	1	100				

Table XII

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 8

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 8	
Street Address	41 Oak Street	
Post Office	Clifton, New Jersey	
Zip Code	07014	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	340	
Size of Site, Owned by District, in Acres	4	
Athletic Fields and Playground Area, in Acres	.63	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 1-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 8

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	1	x 50 =	50	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	1	x 25 =	25	
Sciences	1	x 50 =	50	
Outdoor nature study	3	x 15 =	45	
Physical Education and Athletic Facilities				
Indoor physical education	1	x 40 =	40	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	1	x 40 =	40	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	2	x 10 =	20	
Personal property storage	2	x 10 =	20	
Work room	1	x 20 =	20	
Toilet facilities	1	x 10 =	10	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	1	x 15 =	15	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	1	x 20 =	20	
		TOTAL	=	1,285

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 428

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	3
On-site parking	2	Stair towers	3
Exterior walls	2	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	2	Pupil toilets	1
Windows	2	Adult toilets	1
Floors	3	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	2	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	1	Heat or smoke detection system	3
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	62
Fire alarm system	3		
Air conditioning	0		

PHYSICAL CONDITION SCORE (Total x 11.49) 712

Table XIII
CAPACITY OF SCHOOL NO. 9
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	690	36	900	25 x 2 (19)	38
	1	735	36	900	25 x 2 (20)	40
First-Third Grades	1	725	32	800	25 (22)	22
	2	735	32	800	25 (23)	46
	2	770	32	800	25 (24)	48
	2	800 or over	32	800	25	50
Fourth-Sixth Grades	7	700 or over	28	700	25	175
Total Functional Capacity						419
Instructional Areas (no capacity)						
Cafeteria	1	1,450				
	1	2,770				
Music	1	840		1,000		
Library	1	650		2,500		
Gymnasium (multipurpose)	1	3,100		3,500		
Speech	1	735				
Health	1	725				
Compensatory Education	1	815				
Supplemental Instruction	1	705				

Table XIV

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 9

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 9	
Street Address	25 Brighten Road	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	419	
Size of Site, Owned by District, in Acres	2	
Athletic Fields and Playground Area, in Acres	.69	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 1

1-Heavy
2-Average
3-Light

Environmental Quality 1

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 9

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	3	x 50 =	150	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	2	x 25 =	50	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	2	x 10 =	20	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	2	x 10 =	20	
Work room	2	x 20 =	40	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	=	1,635
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				545

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	2
On-site parking	3	Stair towers	2
Exterior walls	3	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	3	Pupil toilets	3
Windows	2	Adult toilets	2
Floors	2	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	2	Heat or smoke detection system	3
Electric outlets in classrooms	1	Sprinkler system	0
Electric lighting	2	Fire extinguishers	3
Emergency lighting	0	TOTAL =	65
Fire alarm system	3		
Air conditioning	0	**PHYSICAL CONDITION SCORE (Total x 11.49)**	747

Table XV
CAPACITY OF SCHOOL NO. 11
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	1,380	36	900	25 x 2	50
First-Third Grades	1	660	32	800	25 (20)	20
	5	690	32	800	25 (21)	105
Fourth-Sixth Grades	6	690	28	700	25	150
Special Education						
EMR	2	525	53	960	15 (6)	6
NI	1	525	100	960	8 (3)	3
	1	660	100	960	8 (5)	5
Total Functional Capacity						339
Instructional Areas (no capacity)						
Cafeteria	1	910				
	1	1,615				
Music	1	690		1,000		
Library	1	950		2,500		
Gymnasium	1	490				
	1	1,930				
(multipurpose)	1	3,350		3,500		
Compensatory Education	2	690				
Supplemental Instruction	1	690				
Title I	1	230				
	1	690				
Speech	1	200				
ESL	1	230				

Table XVI

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 11

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 11	
Street Address	147 Merselis Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6, Special Education	
School Year	1978-79	
Functional Capacity	339	
Size of Site, Owned by District, in Acres	2.5	
Athletic Fields and Playground Area, in Acres	.54	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 1

1-Heavy
2-Average
3-Light

Environmental Quality 1

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 11

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	1	x 50 =	50	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	1	x 10 =	10	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	2	x 10 =	20	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	2	x 20 =	40	
Toilet facilities	3	x 10 =	30	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	2	x 20 =	40	
		TOTAL =	1,600	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				533

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	2
On-site parking	3	Stair towers	3
Exterior walls	2	Intercommunication system	2
Roof	2	Plumbing	2
Interior walls	3	Pupil toilets	2
Windows	3	Adult toilets	2
Floors	2	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	1	Heat or smoke detection system	2
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	63
Fire alarm system	3		
Air conditioning	0	**PHYSICAL CONDITION SCORE (Total x 11.49)**	724

Table XVII
CAPACITY OF SCHOOL NO. 12
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	890	36	900	25 x 2	50
First-Third Grades	2	750	32	800	25 (23)	46
	7	800 or over	32	800	25	175
Fourth-Sixth Grades	9	700 or over	28	700	25	225
Total Functional Capacity						496
Instructional Areas (no capacity)						
Cafeteria	1	750				
	1	825*				
	1	1,000				
	2	1,250				
Library	1	890		2,500		
Gymnasium (multipurpose)	1	3,400		3,500		
Small Group/Clinic	1	260				
	4	260				
Title I	1	310				
	1	825				
Speech	1	310				

* Also for music

Table XVIII

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 12

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 12	
Street Address	165 Clifton Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	496	
Size of Site, Owned by District, in Acres	4	
Athletic Fields and Playground Area, in Acres	2	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 1-5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 12

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	3	x 25 =	75	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	2	x 10 =	20	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	0	x 10 =	0	
Personal property storage	2	x 10 =	20	
Work room	2	x 20 =	40	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	3	x 25 =	75	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	=	1,600

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 533

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	3
On-site parking	0	Stair towers	3
Exterior walls	3	Intercommunication system	2
Roof	2	Plumbing	2
Interior walls	3	Pupil toilets	2
Windows	3	Adult toilets	2
Floors	3	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	2	Heat or smoke detection system	2
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	64
Fire alarm system	3		
Air conditioning	0		

PHYSICAL CONDITION SCORE (Total x 11.49) 735

Table XIX
CAPACITY OF SCHOOL NO. 13
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	815	36	900	25 x 2 (23)	46
First-Third Grades	5	710	32	800	25 (22)	110
Fourth-Sixth Grades	6	710	28	700	25	150
Special Education						
NI	2	710	100	960	8 (5)	10
ED	2	710	100	1,200	8 (3)	6
TMR	3	710	80	1,200	10 (4)	12
Total Functional Capacity						334
Instructional Areas (no capacity)						
Cafeteria	1	750*				
	1	1,215				
Library	1	710		2,500		
Gymnasium (multipurpose)	1	2,290		3,500		
	1	4,080				
Title I	2	710				
Resource Room	1	710				
Speech	1	80				
	1	110				
Compensatory Education	1	710				

* Also used for music.

Table XX

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 13

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 13	
Street Address	782 Van Houten Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	334	
Size of Site, Owned by District, in Acres	3	
Athletic Fields and Playground Area, in Acres	.74	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 1

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 13

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	1	x 25 =	25	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	0	x 15 =	0	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	1	x 25 =	25	
Athletics	1	x 15 =	15	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	0	x 10 =	0	
Personal property storage	2	x 10 =	20	
Work room	1	x 20 =	20	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	3	x 25 =	75	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	= 1,510	

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 503

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2	Door hardware	2
On-site parking	0	Stair towers	2
Exterior walls	2	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	3	Pupil toilets	1
Windows	2	Adult toilets	2
Floors	2	Drinking fountains	3
Ceilings	2	Exits	2
Acoustics	2	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	2	Heat or smoke detection system	3
Electric outlets in classrooms	1	Sprinkler system	0
Electric lighting	2	Fire extinguishers	3
Emergency lighting	1		
Fire alarm system	3		
Air conditioning	0		

TOTAL = 57

PHYSICAL CONDITION SCORE (Total x 11.49) 655

Table XXI
CAPACITY OF SCHOOL NO. 14
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	840	36	900	25 x 2 (23)	46
First-Third Grades	4	840	32	800	25	100
Fourth-Sixth Grades	4	840	28	700	25	100
Special Education						
ED	3	840	100	1,200	8 (4)	12
AH	2	840	100	840	8	16
Total Functional Capacity						274
Instructional Areas (no capacity)						
Music	1	840		1,000		
Library	1	1,260		2,500		
Gymnasium (multipurpose)	1	3,170		3,500		
Compensatory Education	1	840				
Small Groups	1	125				
	2	250				
	1	375				

Table XXII

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 14

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 14	
Street Address	99 St. Andrew's Blvd.	
Post Office	Clifton, New Jersey	
Zip Code	07012	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	274	
Size of Site, Owned by District, in Acres	8	
Athletic Fields and Playground Area, in Acres	4	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	None	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 3

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 3

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	3	x 175 =	525	
Large group learning areas	1	x 50 =	50	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	1	x 25 =	25	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	2	x 15 =	30	
Physical Education and Athletic Facilities				
Indoor physical education	1	x 40 =	40	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	2	x 25 =	50	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	1	x 40 =	40	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	2	x 75 =	150	
Pupil Service Facilities				
Dining	1	x 25 =	25	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	1	x 10 =	10	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	1	x 20 =	20	
Toilet facilities	3	x 10 =	30	
Administration Facilities				
Administrative offices	1	x 20 =	20	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	3	x 25 =	75	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	= 1,730	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				577

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	3
On-site parking	3	Stair towers	0
Exterior walls	3	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	3	Pupil toilets	3
Windows	3	Adult toilets	3
Floors	3	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	3	Water supply	3
Heating	3	Sewage disposal	3
Ventilation	3	Heat or smoke detection system	1
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL	= 70
Fire alarm system	3		
Air conditioning	0		
PHYSICAL CONDITION SCORE (Total x 11.49)			804

Table XXIII
CAPACITY OF SCHOOL NO. 15
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	735	36	900	25 x 2 (20)	40
First-Third Grades	1	620	32	800	25 (19)	19
	1	660	32	800	25 (20)	20
	1	670	32	800	25 (21)	21
	2	685	32	800	25 (21)	42
	1	890	32	800	25	25
Fourth-Sixth Grades	2	630	28	700	25 (22)	44
	2	660	28	700	25 (23)	46
	2	685	28	700	25 (24)	48
Total Functional Capacity						305
Instructional Areas (no capacity)						
Library	1	685		2,500		
Gymnasium (multipurpose)	1	3,370		3,500		
Compensatory Education	1	550				
EST/Supplemental Instruction	1	685				
Title I	1	140				
	1	380				
Speech	1	205				
Supplemental Instruction	1	685				

Table XXIV

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 15

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY *CODE*
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 15	
Street Address	700 Gregory Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	305	
Size of Site, Owned by District, in Acres	2	
Athletic Fields and Playground Area, in Acres	.48	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	25 A Weasel Brook Park	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 3

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 15

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350
Large group learning areas	1	x 50 =	50
Small group learning areas	3	x 50 =	150
Special Subject Facilities			
Career education	0	x 50 =	0
Dramatic activities	1	x 25 =	25
Fine arts and crafts	1	x 25 =	25
Music activities	1	x 25 =	25
Sciences	1	x 50 =	50
Outdoor nature study	3	x 15 =	45
Physical Education and Athletic Facilities			
Indoor physical education	1	x 40 =	40
Locker rooms	0	x 15 =	0
Showers	0	x 10 =	0
Outdoor physical education	1	x 25 =	25
Athletics	1	x 15 =	15
Core Facilities			
Assembly	1	x 40 =	40
Audiovisual media	3	x 25 =	75
Facilities for community use	1	x 10 =	10
Library and resource facilities	1	x 75 =	75

Pupil Service Facilities			
Dining	1	x 25 =	25
Extracurricular activities	0	x 10 =	0
Personal property storage	1	x 20 =	20
Provisions for physically handicapped	0	x 35 =	0
Teacher Service Facilities			
Dining	1	x 10 =	10
Itinerant staff offices	2	x 20 =	40
Conference room	1	x 10 =	10
On-site parking	3	x 10 =	30
Personal property storage	2	x 10 =	20
Work room	1	x 20 =	20
Toilet facilities	1	x 10 =	10
Administration Facilities			
Administrative offices	1	x 20 =	20
Guidance offices	0	x 20 =	0
Health suite	1	x 15 =	15
Instructional storage facilities	2	x 25 =	50
Custodial storage facilities	3	x 20 =	60
		TOTAL =	1,330

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 443

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	2
On-site parking	3
Exterior walls	3
Roof	2
Interior walls	3
Windows	2
Floors	3
Ceilings	3
Acoustics	3
Heating	2
Ventilation	3
Electric outlets in classrooms	2
Electric lighting	3
Emergency lighting	1
Fire alarm system	3
Air conditioning	0

Door hardware	3
Stair towers	2
Intercommunication system	2
Plumbing	3
Pupil toilets	2
Adult toilets	2
Drinking fountains	3
Exits	3
Water supply	3
Sewage disposal	3
Heat or smoke detection system	3
Sprinkler system	0
Fire extinguishers	3
TOTAL =	70

PHYSICAL CONDITION SCORE (Total x 11.49) 804

Table XXV
CAPACITY OF SCHOOL NO. 16
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Kindergarten	1	1,050	36	900	25 x 2	50
First-Third Grades	5	775	32	800	25 (24)	120
Fourth-Sixth Grades	5	775	28	700	25	125
Total Functional Capacity						295
Instructional Areas (no capacity)						
Cafeteria	1	775				
Library	1	1,435		2,500		
Gymnasium (multipurpose)	1	3,560		3,500		
Art	1	775		1,000		

Table XXVI

SCHOOL FACILITIES EVALUATION INSTRUMENT - School No. 16

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	School No. 16	
Street Address	755 Grove Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	12	
Grades	K-6	
School Year	1978-79	
Functional Capacity	295	
Size of Site, Owned by District, in Acres	7	
Athletic Fields and Playground Area, in Acres	.5	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	Holster Park	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 1

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

School No. 16

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	0	x 50 =	0	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	1	x 25 =	25	
Music activities	2	x 25 =	50	
Sciences	1	x 50 =	50	
Outdoor nature study	2	x 15 =	30	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	0	x 15 =	0	
Showers	0	x 10 =	0	
Outdoor physical education	2	x 25 =	50	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	2	x 40 =	80	
Audiovisual media	3	x 25 =	75	
Facilities for community use	1	x 10 =	10	
Library and resource facilities	2	x 75 =	150	
Pupil Service Facilities				
Dining	2	x 25 =	50	
Extracurricular activities	0	x 10 =	0	
Personal property storage	2	x 20 =	40	
Provisions for physically handicapped	1	x 35 =	35	
Teacher Service Facilities				
Dining	1	x 10 =	10	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	1	x 20 =	20	
Toilet facilities	2	x 10 =	20	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	0	x 20 =	0	
Health suite	2	x 15 =	30	
Instructional storage facilities	3	x 25 =	75	
Custodial storage facilities	3	x 20 =	60	
		TOTAL =	1,780	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				593

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	2
On-site parking	3	Stair towers	0
Exterior walls	3	Intercommunication system	2
Roof	3	Plumbing	3
Interior walls	3	Pupil toilets	3
Windows	2	Adult toilets	3
Floors	3	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	3	Heat or smoke detection system	3
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	0	TOTAL =	70
Fire alarm system	3		
Air conditioning	0		
PHYSICAL CONDITION SCORE (Total x 11.49)			804

Table XXVII
CAPACITY OF COLUMBUS SCHOOL
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Academic Classrooms	2	385	26	650	25 (14)	28
	1	525	26	650	25 (20)	20
	2	570	26	650	25 (22)	44
	1	575	26	650	25 (22)	22
	2	610	26	650	25 (23)	46
	24	650 or over	26	650	25	600
Art	1	565	58	1,400	24 (9)	9
	1	700	58	1,400	24 (12)	12
	1	810	58	1,400	24 (13)	13
	1	970	58	1,400	24 (16)	16
Business Education						
Typing	1	610	31	1,100	35 (19)	19
Health and Safety	2	690	32	800	25 (21)	42
Home Economics						
Clothing	1	810	56	1,350	24 (14)	14
Family Living	1	810	50	1,200	24 (16)	16
Foods	1	810	56	1,350	24 (14)	14
Industrial Arts						
Electric-Electronics	1	895	94	2,250	24 (9)	9
General Metal	1	1,625	119	2,850	24 (13)	13
Graphic Arts	1	915	119	2,850	24 (7)	7
Wood	1	2,100	123	2,950	24 (17)	17
Drafting	1	570	56	1,350	24 (10)	10
Learning Laboratory	1	810	33	1,000	30 (24)	24
Music						
Instrumental	1	1,320	35	1,400	40 (37)	37
Vocal	1	525	30	1,200	40 (17)	17
	1	675	30	1,200	40 (22)	22
	1	750	30	1,200	40 (25)	25
Physical Education						
One-Station Gymnasium	1	3,345	125	5,000	40 (26)	26
	1	4,345	125	5,000	40 (34)	34
Auxiliary Gymnasium	1	925	80	1,600	20 (11)	11

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Science Laboratories	1	780	58	1,400	24 (13)	13
	1	810	58	1,400	24 (13)	13
Special Education EMR	1	450	43	960	15 (3)	3
Subtotal						1,196
Utilization Factor						x.80
Subtotal Functional Capacity - Instructional Areas						957
Large Group Instructional Areas						
Auditorium	1	6,050	9	1,500		672
Cafeteria	1	4,450	30			148
Subtotal						820
Utilization Factor						x.25
Subtotal Functional Capacity - Large Group Instructional Areas						205
Library	1	1,400	40			35
Subtotal						35
Utilization Factor						x.50
Subtotal Functional Capacity - Library						18

Summary

Subtotal Functional Capacity - Instructional Areas	957
Subtotal Functional Capacity - Large Group Instructional Areas	205
Subtotal Functional Capacity - Library	18
Total Functional Capacity	1,180

Table XXVIII

SCHOOL FACILITIES EVALUATION INSTRUMENT - Christopher Columbus Jr. H.S.

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	Christopher Columbus Jr. H. S.	
Street Address	350 Piaget Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07011	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	14	
Grades	7-9, Special Education	
School Year	1978-79	
Functional Capacity	1,180	
Size of Site, Owned by District, in Acres	18	
Athletic Fields and Playground Area, in Acres	10	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	1 A. Tennis at Memorial Park	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 1

1-Heavy
2-Average
3-Light

Environmental Quality 1

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 1

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

Columbus Jr. H. S.

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	2	x 175 =	350	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	2	x 50 =	100	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	2	x 25 =	50	
Music activities	2	x 25 =	50	
Sciences	2	x 50 =	100	
Outdoor nature study	3	x 15 =	45	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	2	x 15 =	30	
Showers	2	x 10 =	20	
Outdoor physical education	2	x 25 =	50	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	3	x 40 =	120	
Audiovisual media	3	x 25 =	75	
Facilities for community use	2	x 10 =	20	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	2	x 25 =	50	
Extracurricular activities	0	x 10 =	0	
Personal property storage	3	x 20 =	60	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	3	x 10 =	30	
Itinerant staff offices	3	x 20 =	60	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	2	x 20 =	40	
Toilet facilities	3	x 10 =	30	
Administration Facilities				
Administrative offices	2	x 20 =	40	
Guidance offices	3	x 20 =	60	
Health suite	2	x 15 =	30	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	= 2,085	

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 695

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	2
On-site parking	3	Stair towers	2
Exterior walls	3	Intercommunication system	2
Roof	2	Plumbing	3
Interior walls	2	Pupil toilets	2
Windows	3	Adult toilets	1
Floors	2	Drinking fountains	3
Ceilings	2	Exits	3
Acoustics	2	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	1	Heat or smoke detection system	2
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	1	TOTAL =	63
Fire alarm system	3		
Air conditioning	0		

PHYSICAL CONDITION SCORE (Total x 11.49) 724

Table XXIX
CAPACITY OF WILSON SCHOOL
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Academic Classrooms	22	650 or over	26	650	25	550
Art	2	1,400	58	1,400	24	48
Business Education						
Typing	1	750	31	1,100	35 (23)	23
Home Economics						
Clothing	1	1,000	56	1,350	24 (17)	17
Family Living	1	750	50	1,200	24 (15)	15
Foods	1	750	56	1,350	24 (13)	13
Industrial Arts						
Electric-Electronics	1	900	94	2,250	24 (9)	9
General Metal	1	1,750	119	2,850	24 (14)	14
Graphic Arts	1	900	119	2,850	24 (7)	7
Wood	1	1,750	123	2,950	24 (14)	14
Learning or Language Laboratory	2	750	33	1,000	30 (22)	44
Music						
Instrumental	1	1,280	35	1,400	40 (36)	36
Vocal	1	735	30	1,200	40 (24)	24
Physical Education						
Two-Station Main Gymnasium	1	6,300	125	10,000	80 (50)	50
Science Laboratories	3	1,000	58	1,400	24 (17)	51
Special Education						
ED	1	750	81	1,200	8 (2)	2
EMR	1	750	43	960	15 (10)	10

Wilson

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Subtotal						927
Utilization Factor						x.80
Subtotal Functional Capacity - Instructional Area						742
Large Group Instructional Areas						
Auditorium	1	4,800	9	1,500	-	533
Cafeteria	1	3,350	30		-	112
Subtotal						645
Utilization Factor						x.25
Subtotal Functional Capacity - Large Group Instructional Areas						161
Library	1	2,175	40		-	54
Subtotal						54
Utilization Factor						x.50
Subtotal Functional Capacity - Library						27
Summary						
Subtotal Functional Capacity - Instructional Area						742
Subtotal Functional Capacity - Large Group Instructional Areas						161
Subtotal Functional Capacity - Library						27
Total Functional Capacity						930

Table XXX

SCHOOL FACILITIES EVALUATION INSTRUMENT - Woodrow Wilson Jr. H. S.

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	Woodrow Wilson Jr. High School	
Street Address	1400 Van Houten Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	14	
Grades	7-9, Special Education	
School Year	1978-79	
Functional Capacity	930	
Size of Site, Owned by District, in Acres	11	
Athletic Fields and Playground Area, in Acres	4.4	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	Track at Columbus School Stadium	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 2-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

Woodrow Wilson Jr. H. S.

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	3	x 175 =	525	
Large group learning areas	2	x 50 =	100	
Small group learning areas	3	x 50 =	150	
Special Subject Facilities				
Career education	2	x 50 =	100	
Dramatic activities	2	x 25 =	50	
Fine arts and crafts	3	x 25 =	75	
Music activities	2	x 25 =	50	
Sciences	2	x 50 =	100	
Outdoor nature study	1	x 15 =	15	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	3	x 15 =	45	
Showers	3	x 10 =	30	
Outdoor physical education	2	x 25 =	50	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	3	x 40 =	120	
Audiovisual media	3	x 25 =	75	
Facilities for community use	3	x 10 =	30	
Library and resource facilities	2	x 75 =	150	
Pupil Service Facilities				
Dining	3	x 25 =	75	
Extracurricular activities	2	x 10 =	20	
Personal property storage	3	x 20 =	60	
Provisions for physically handicapped	0	x 35 =	0	
Teacher Service Facilities				
Dining	2	x 10 =	20	
Itinerant staff offices	2	x 20 =	40	
Conference room	2	x 10 =	20	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	2	x 20 =	40	
Toilet facilities	3	x 10 =	30	
Administration Facilities				
Administrative offices	3	x 20 =	60	
Guidance offices	2	x 20 =	40	
Health suite	3	x 15 =	45	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	= 2,395	
EDUCATIONAL FUNCTION SCORE (Total ÷ 3)				798

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	3
On-site parking	3	Stair towers	3
Exterior walls	2	Intercommunication system	2
Roof	3	Plumbing	3
Interior walls	3	Pupil toilets	3
Windows	3	Adult toilets	3
Floors	3	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	3	Water supply	3
Heating	2	Sewage disposal	3
Ventilation	3	Heat or smoke detection system	3
Electric outlets in classrooms	3	Sprinkler system	2
Electric lighting	3	Fire extinguishers	3
Emergency lighting	1	TOTAL =	78
Fire alarm system	3		
Air conditioning	0	**PHYSICAL CONDITION SCORE (Total x 11.49)**	896

Table XXXI
CAPACITY OF CLIFTON SENIOR HIGH SCHOOL
Clifton, New Jersey

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Academic Classrooms	60	650 or over	26	650	25	1,500
Art	1	790	58	1,400	24 (13)	13
	1	1,105	58	1,400	24 (18)	18
	1	1,295	67	1,600	24 (19)	19
Business Education						
Office Machines/EDP	1	1,010	50	1,200	24 (20)	20
Distributive Education	1	650	70	1,400	20 (9)	9
	1	720	70	1,400	20 (10)	10
Typing	1	650	31	1,100	35 (20)	20
	2	790	31	1,100	35 (25)	50
	2	840	31	1,100	35 (26)	52
Health and Safety	5	840	32	800	25	125
Home Economics						
Clothing	1	875	56	1,350	24 (15)	15
Foods	2	1,055	56	1,350	24 (18)	36
Industrial Arts						
Electric-Electronics	1	1,350	94	2,250	24 (14)	14
General Metal	1	1,650	119	2,850	24 (14)	14
Graphic Arts	1	1,440	119	2,850	24 (12)	12
Power-Automotive	1	670	133	3,200	24 (5)	5
	1	1,650	133	3,200	24 (12)	12
Wood	1	1,800	123	2,950	24 (14)	14
Drafting	1	840	56	1,350	24 (14)	14
	1	910	56	1,350	24 (16)	16
Learning or Language Laboratory	4	650	33	1,000	30 (19)	76
	1	840	33	1,000	30 (25)	25
Music						
Instrumental	1	1,520	35	1,400	40	40
Vocal	1	675	30	1,200	40 (22)	22

Clifton Sr. H. S.

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Physical Education						
Three-Station Gymnasium	1	11,090	125	15,000	120 (89)	89
	1	12,670	125	15,000	120 (101)	101
Auxiliary Gymnasium	1	1,055	80	1,600	20 (13)	13
Science Laboratories	1	650	58	1,400	24 (11)	11
	1	720	58	1,400	24 (12)	12
	4	790	58	1,400	24 (13)	52
	1	990	58	1,400	24 (17)	17
	1	1,200	58	1,400	24 (20)	20
Subtotal						2,466
Utilization Factor						x.85
Subtotal Functional Capacity - Instructional Area						2,096
Large Group Instructional Areas						
Little Theater	1	1,885	9	1,500	-	209
Auditorium	1	8,740	9	1,500	-	971
Cafeteria	1	9,800	30		-	327
Subtotal						1,507
Utilization Factor						x.25
Subtotal Functional Capacity - Large Group Instructional Areas						377
Library	1	5,170	40		-	129
Subtotal						129
Utilization Factor						x.50
Subtotal Functional Capacity - Library						65

Clifton Sr. H. S.

Instructional Area	Number of Teaching Stations	Square Feet per Teaching Station	Minimum Acceptable Square Feet per Pupil	Minimum Acceptable Area in Square Feet	Maximum Acceptable Pupil Stations	Total Pupil Stations
Summary						
Subtotal Functional Capacity - Instructional Areas						2,096
Subtotal Functional Capacity - Large Group Instructional Areas						377
Subtotal Functional Capacity - Library						65
Total Functional Capacity						2,538

Table XXXII

SCHOOL FACILITIES EVALUATION INSTRUMENT - Clifton Senior High School

N. J. DEPARTMENT OF EDUCATION *FIELD SERVICES DIVISION*

BUREAU OF FACILITY PLANNING SERVICES

		DEPT. OF ED. USE ONLY CODE
Name of County	Passaic	
Name of School District	Clifton	
Name of School Building	Clifton Senior High School	
Street Address	333 Colfax Avenue	
Post Office	Clifton, New Jersey	
Zip Code	07013	
Person Completing This Instrument	Engelhardt and Engelhardt, Inc.	
Position	Educational Consultants	
Office Telephone Number	914-277-3621	
Type of School (Code Number)	17	
Grades	10-12	
School Year	1978-79	
Functional Capacity	2,538	
Size of Site, Owned by District, in Acres	23.69	
Athletic Fields and Playground Area, in Acres	6	
Nearby or Contiguous Public-Owned Land Area available for School Use, by Agreement, in Acres	10	

CHARACTER OF SCHOOL NEIGHBORHOOD

(Enter numbers for each heading below)

Location (Zone) 1-4

1-Industrial
2-Commercial
3-Rural or farm
4-Residential

Traffic 2

1-Heavy
2-Average
3-Light

Environmental Quality 5

1-Noise
2-Fumes or Odors
3-Dirt or Dust
4-Floods
5-Satisfactory

Hazard 4

1-Traffic
2-Vandalism
3-Utility Trunk Lines
4-None

Clifton Sr. H. S.

APPRAISAL OF FACILITIES BY EDUCATIONAL FUNCTION

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

General Instructional Facilities				
General classrooms	3	x 175 =	525	
Large group learning areas	3	x 50 =	150	
Small group learning areas	2	x 50 =	100	
Special Subject Facilities				
Career education	2	x 50 =	100	
Dramatic activities	3	x 25 =	75	
Fine arts and crafts	2	x 25 =	50	
Music activities	3	x 25 =	75	
Sciences	2	x 50 =	100	
Outdoor nature study	3	x 15 =	45	
Physical Education and Athletic Facilities				
Indoor physical education	2	x 40 =	80	
Locker rooms	2	x 15 =	30	
Showers	3	x 10 =	30	
Outdoor physical education	1	x 25 =	25	
Athletics	2	x 15 =	30	
Core Facilities				
Assembly	3	x 40 =	120	
Audiovisual media	3	x 25 =	75	
Facilities for community use	3	x 10 =	30	
Library and resource facilities	1	x 75 =	75	
Pupil Service Facilities				
Dining	3	x 25 =	75	
Extracurricular activities	3	x 10 =	30	
Personal property storage	3	x 20 =	60	
Provisions for physically handicapped	1	x 35 =	35	
Teacher Service Facilities				
Dining	3	x 10 =	30	
Itinerant staff offices	3	x 20 =	60	
Conference room	3	x 10 =	30	
On-site parking	3	x 10 =	30	
Personal property storage	3	x 10 =	30	
Work room	3	x 20 =	60	
Toilet facilities	3	x 10 =	30	
Administration Facilities				
Administrative offices	3	x 20 =	60	
Guidance offices	3	x 20 =	60	
Health suite	3	x 15 =	45	
Instructional storage facilities	2	x 25 =	50	
Custodial storage facilities	3	x 20 =	60	
		TOTAL	= 2,460	

EDUCATIONAL FUNCTION SCORE (Total ÷ 3) 820

APPRAISAL OF FACILITIES BY PHYSICAL CONDITION: SITE, STRUCTURE, OR SERVICE SYSTEMS

(Enter: 3 - Good, 2 - Fair, 1 - Poor, 0 - Nonexistent)

Playground	3	Door hardware	3
On-site parking	3	Stair towers	3
Exterior walls	3	Intercommunication system	2
Roof	3	Plumbing	3
Interior walls	2	Pupil toilets	3
Windows	3	Adult toilets	3
Floors	2	Drinking fountains	3
Ceilings	3	Exits	3
Acoustics	3	Water supply	3
Heating	3	Sewage disposal	3
Ventilation	3	Heat or smoke detection system	3
Electric outlets in classrooms	2	Sprinkler system	0
Electric lighting	3	Fire extinguishers	3
Emergency lighting	3		
Fire alarm system	3		
Air conditioning	0		

TOTAL = 77

PHYSICAL CONDITION SCORE (Total x 11.49) 885